

The diagram illustrates the vertical stack of components in a liquid crystal device. From top to bottom, the layers are:

- Polarizer 6
- $\lambda/4$ wave plate 7
- Substrate 1
- Transmissive electrode 4
- LC layer 5
- Reflective electrode region 3 (R)
- Substrate 2

The Reflective electrode region 3 (R) is depicted with diagonal hatching, indicating its reflective nature.

Polarizer 6
Phase compensation element ($\lambda/4$ wave plate) 7
Substrate 1
Transmissive electrode 4
LC layer 5
Reflective electrode region 3 (R) Transmissive electrode region 8 (T)
Substrate 2
Phase compensation element ($\lambda/4$ wave plate) 10
Polarizer 9

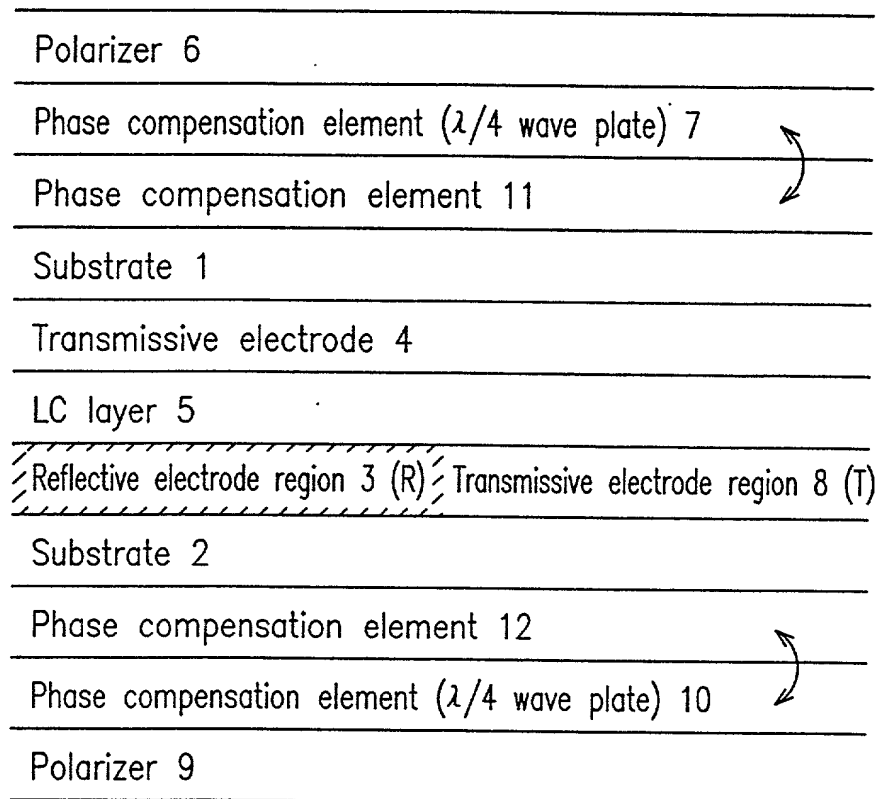
FIG. 3

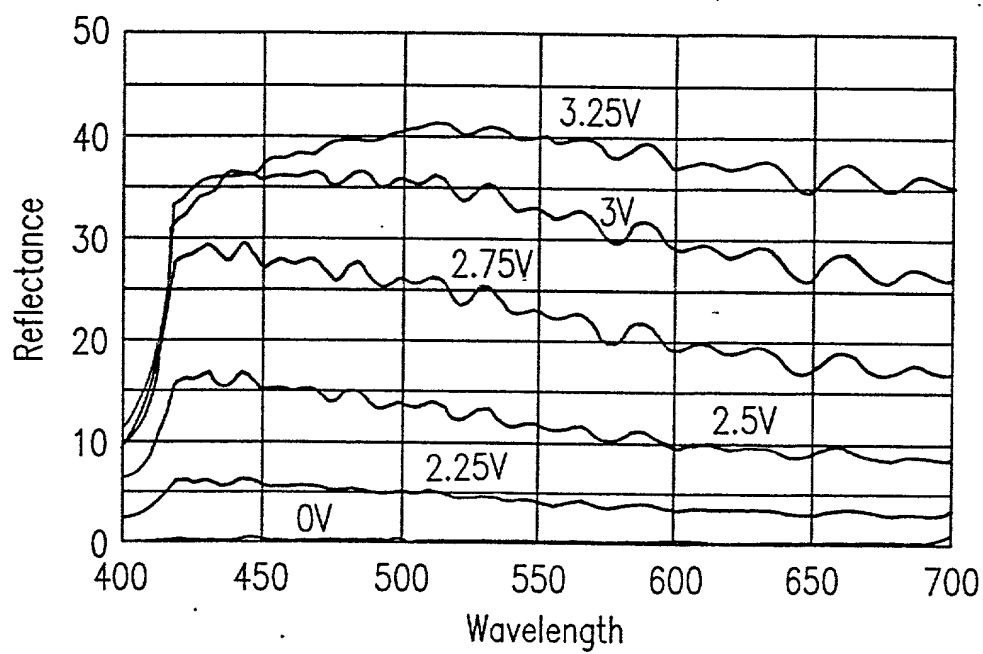
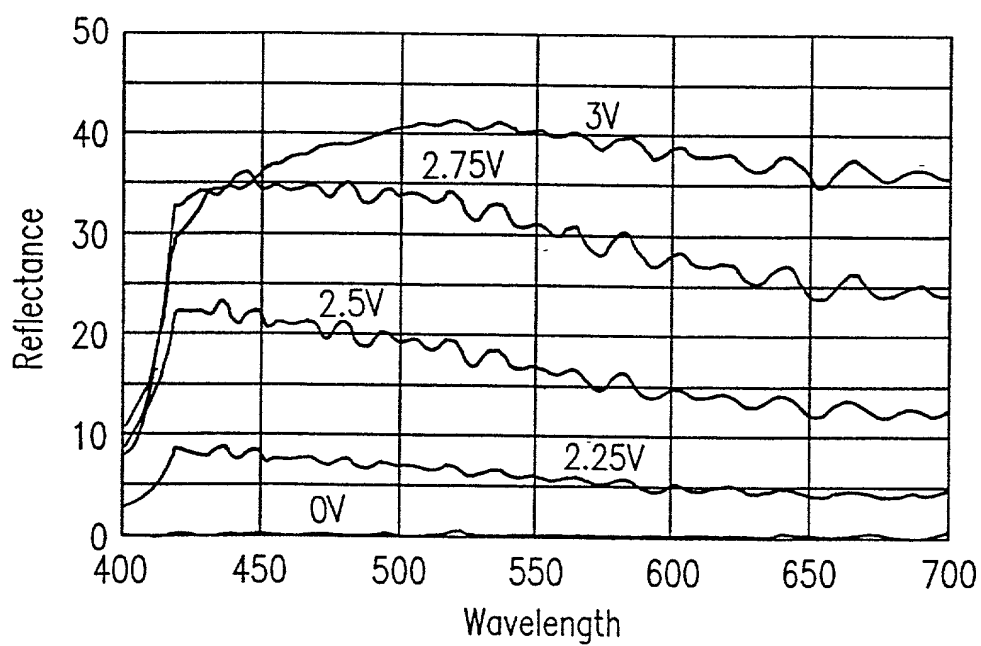
FIG. 4*FIG. 5*

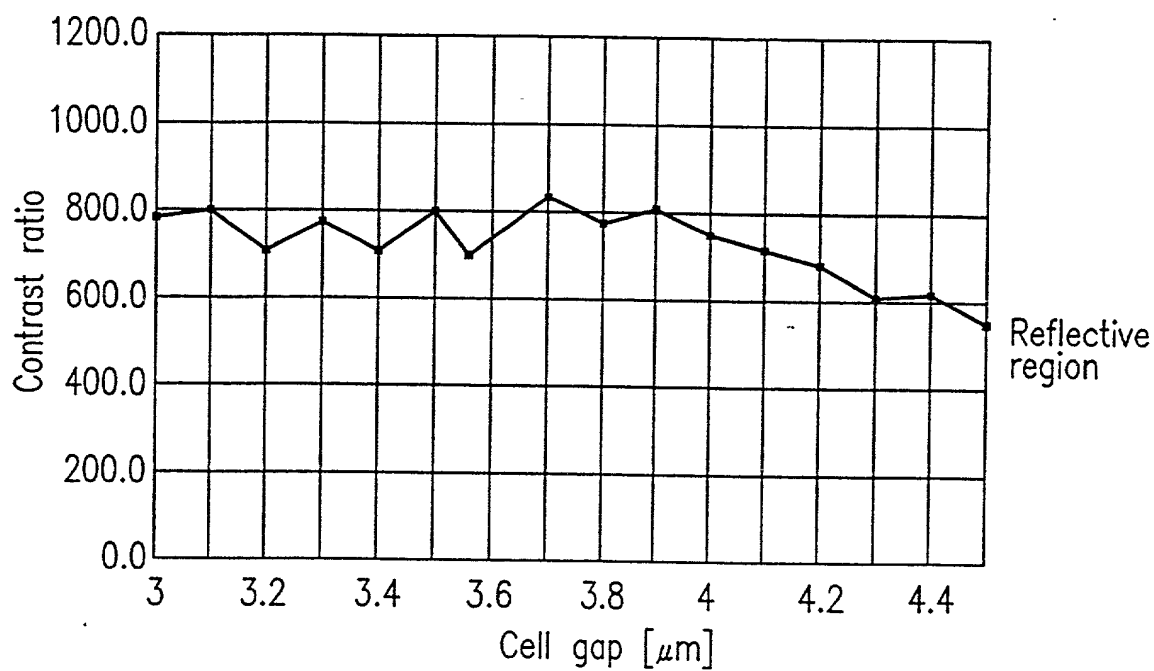
FIG. 6

FIG. 7A

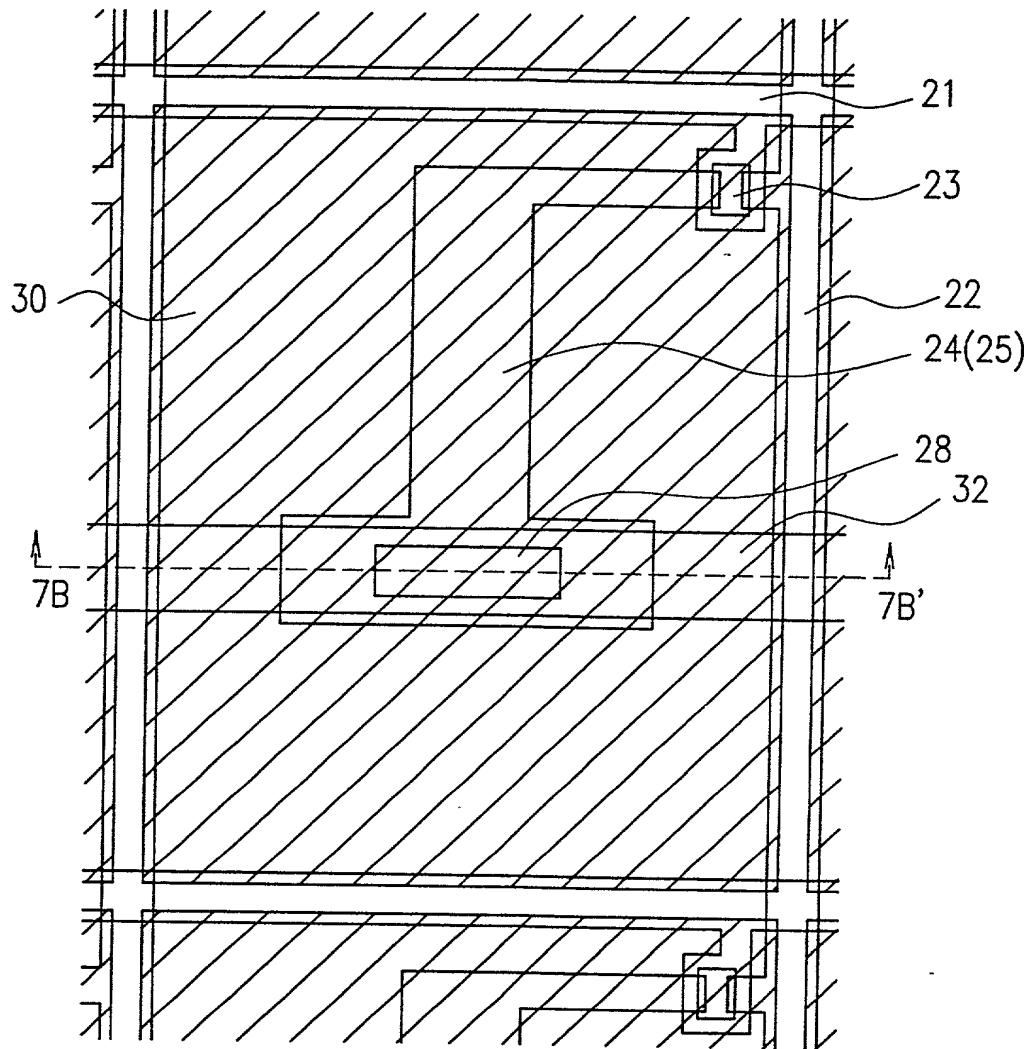


FIG. 7B

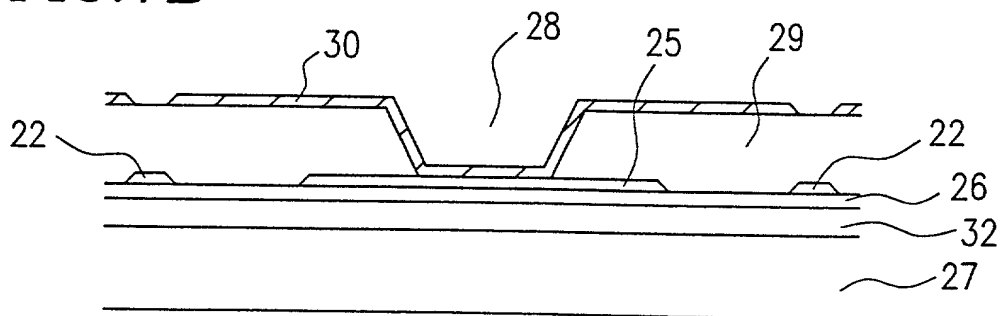


FIG. 8A

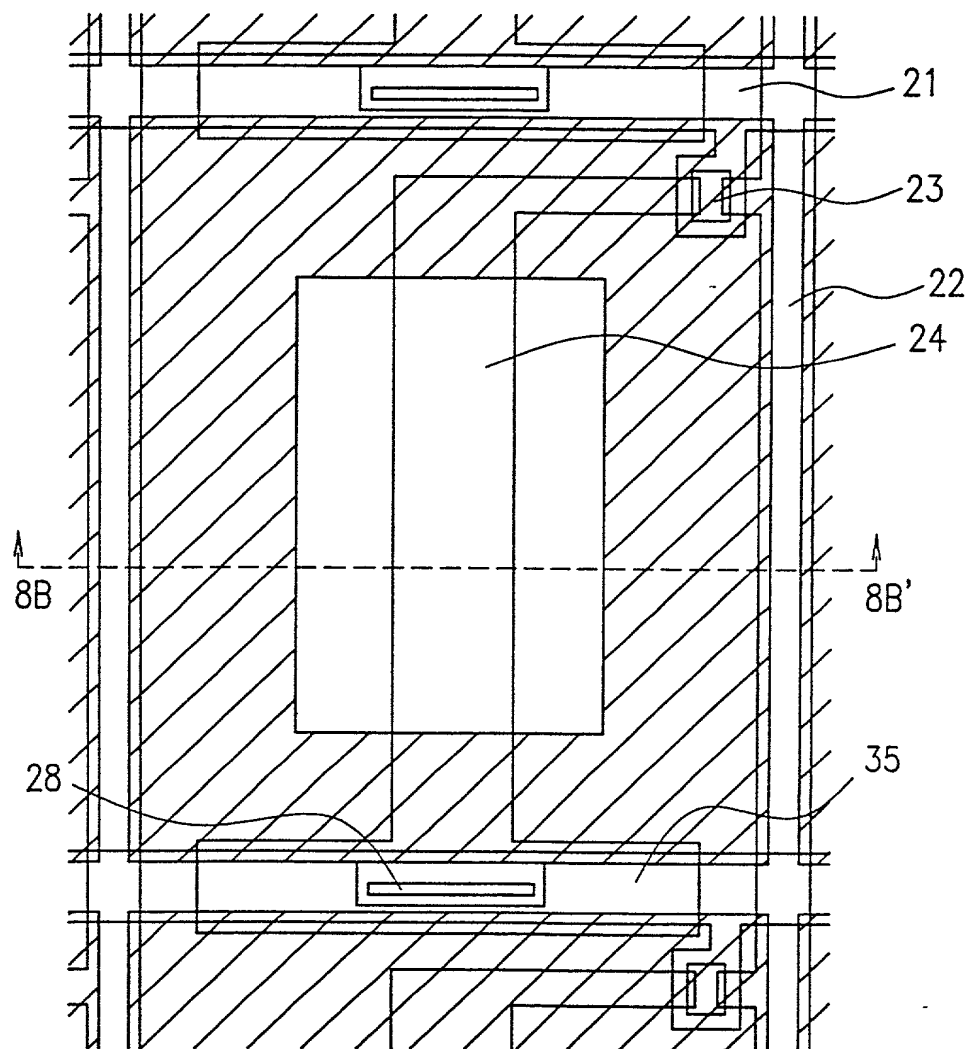


FIG. 8B

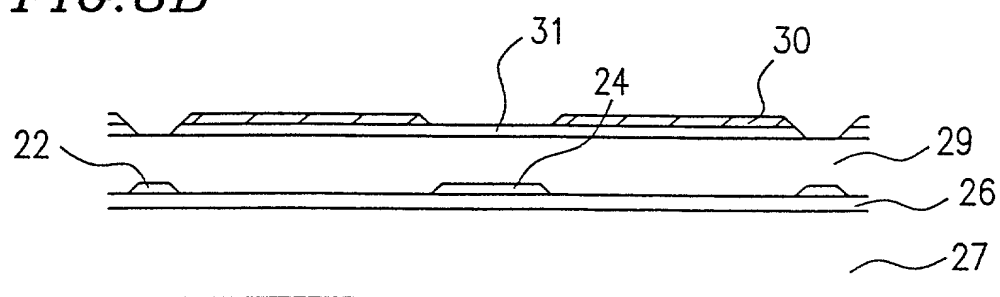


FIG. 8C

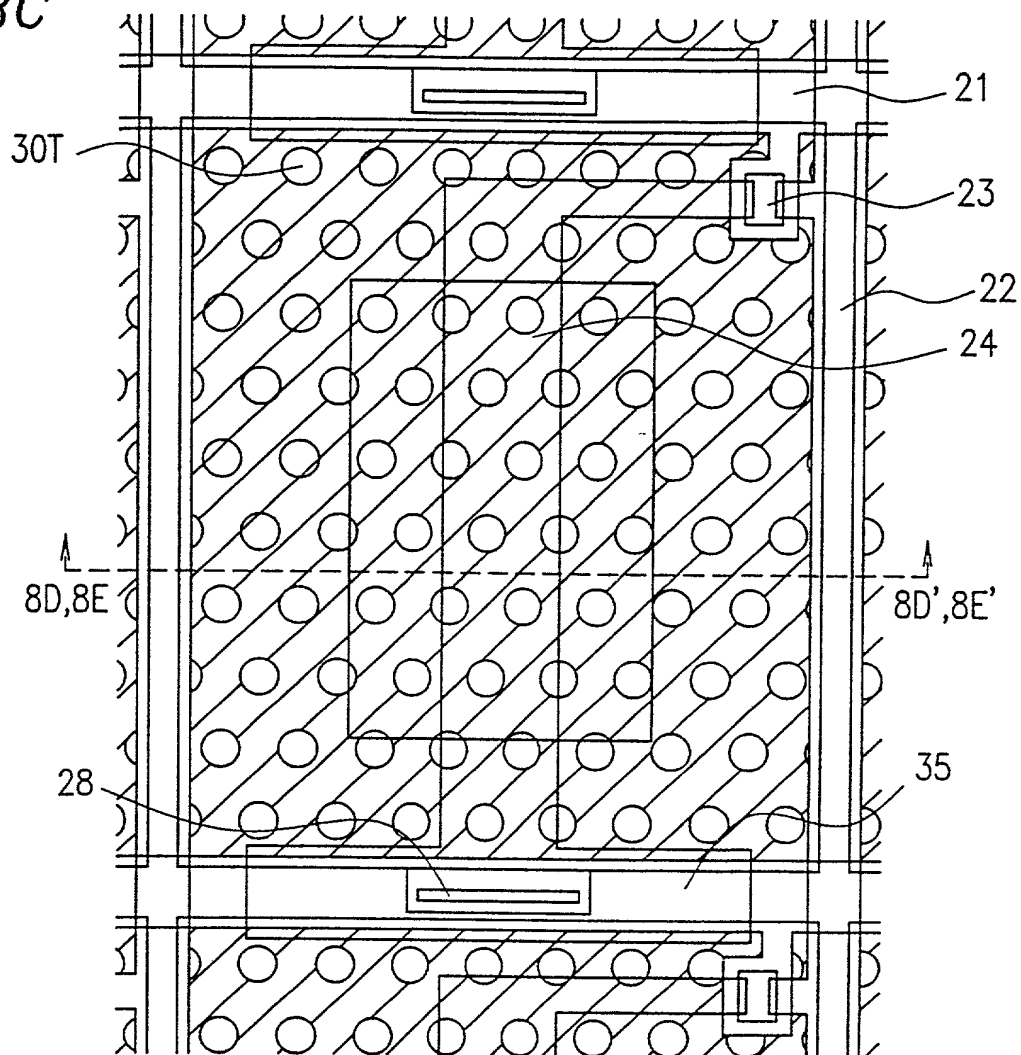


FIG. 8D

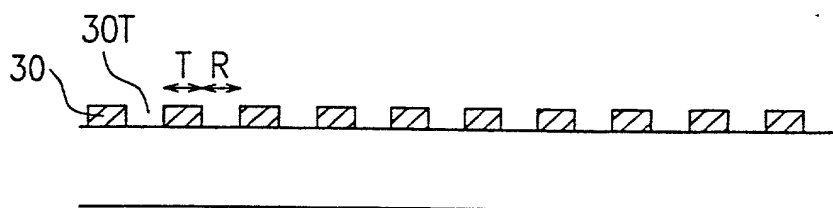


FIG. 8E

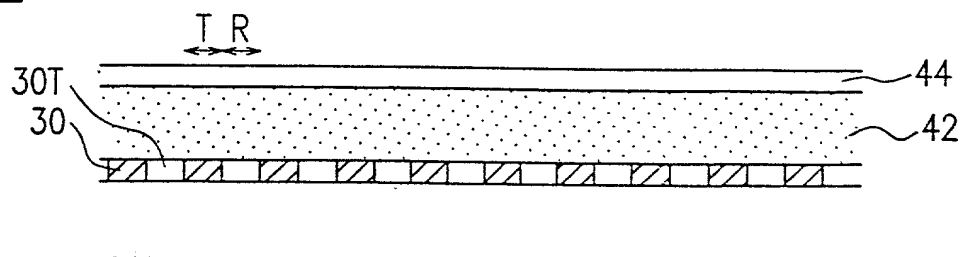


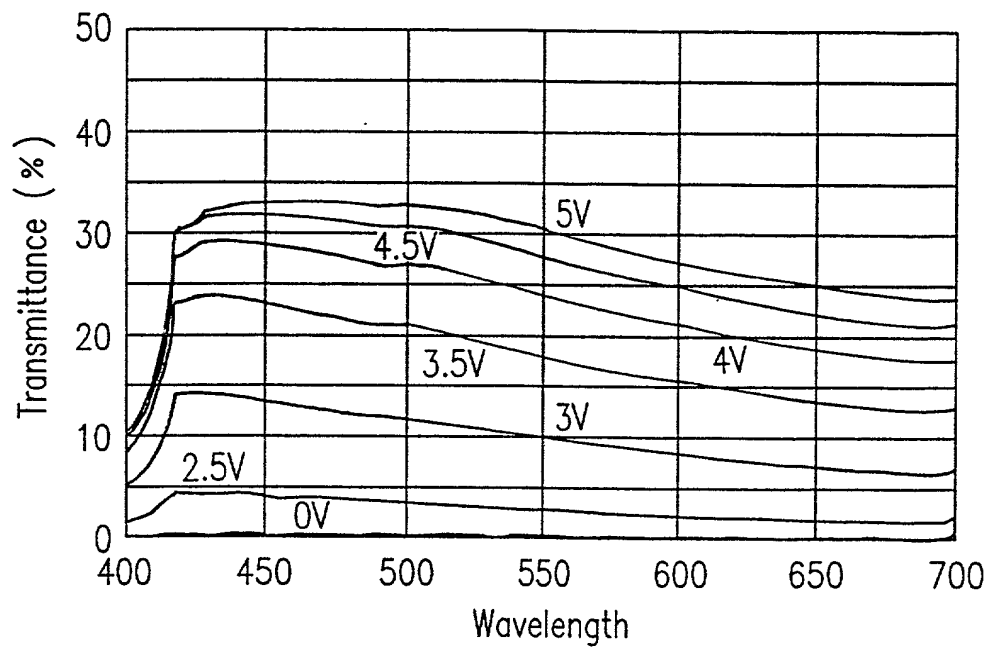
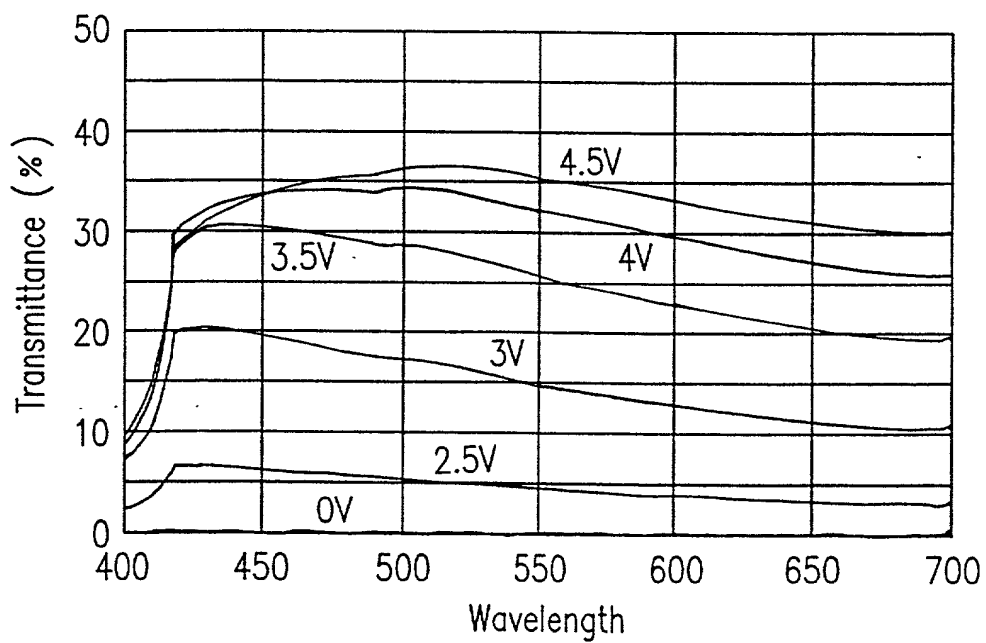
FIG. 9*FIG. 10*

FIG. 11

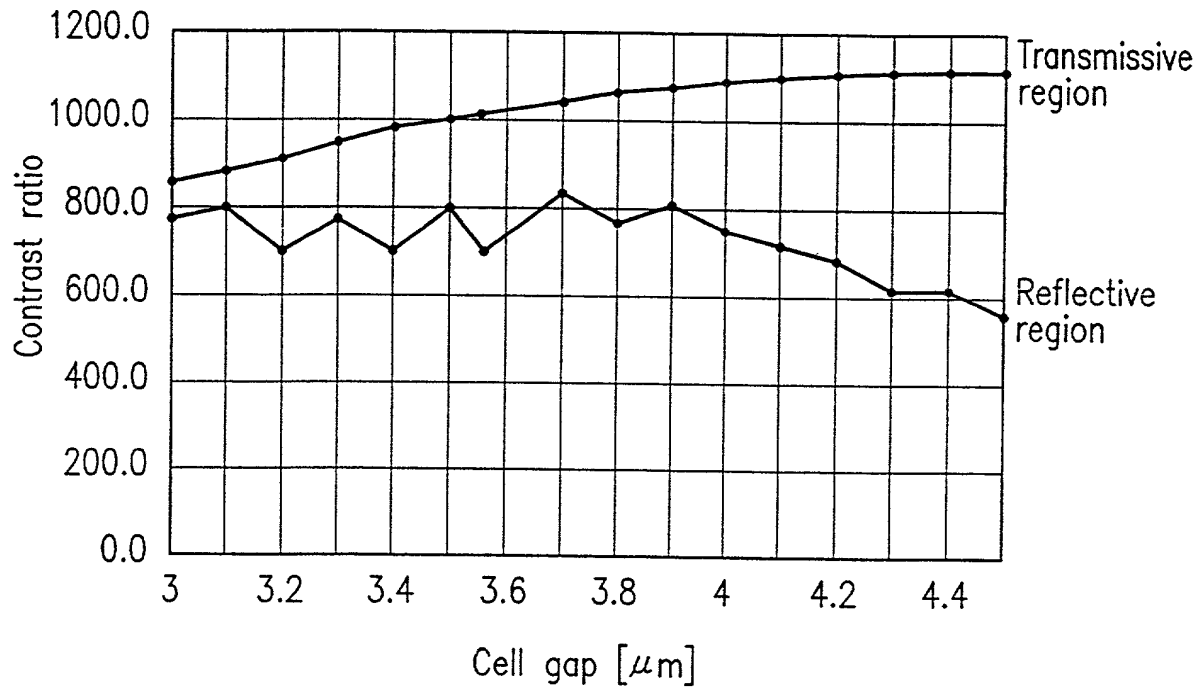


FIG. 12

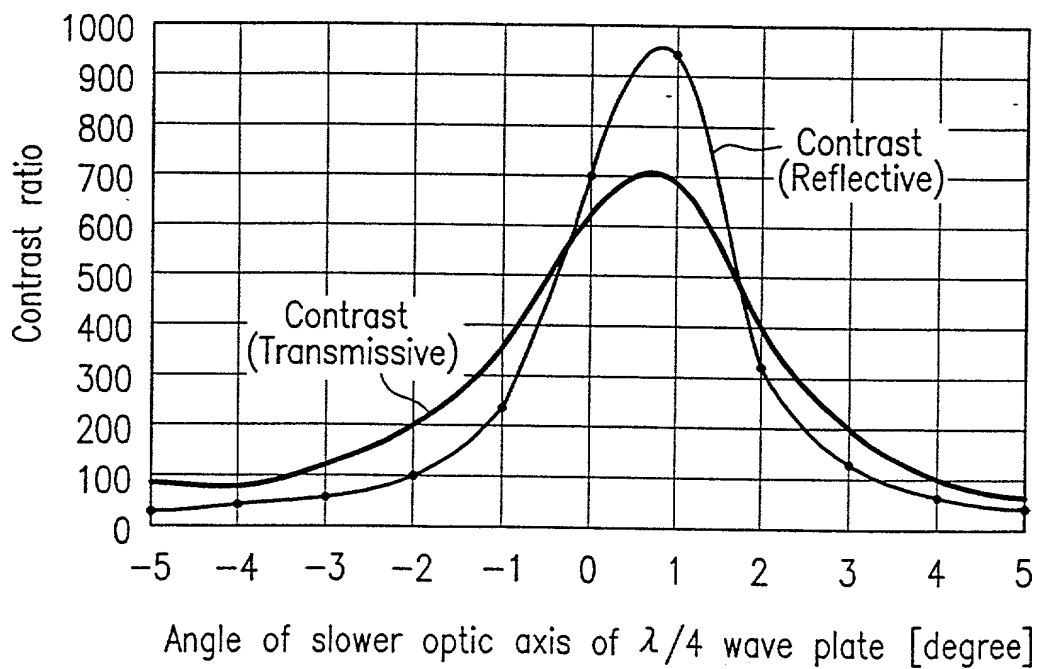


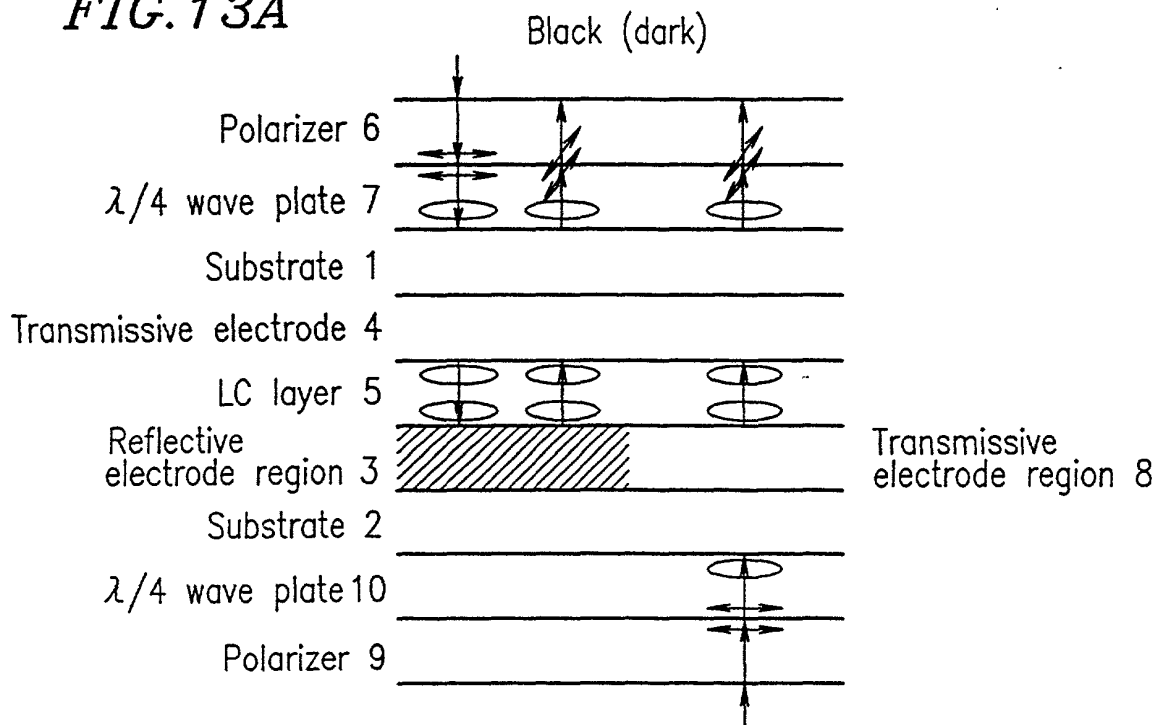
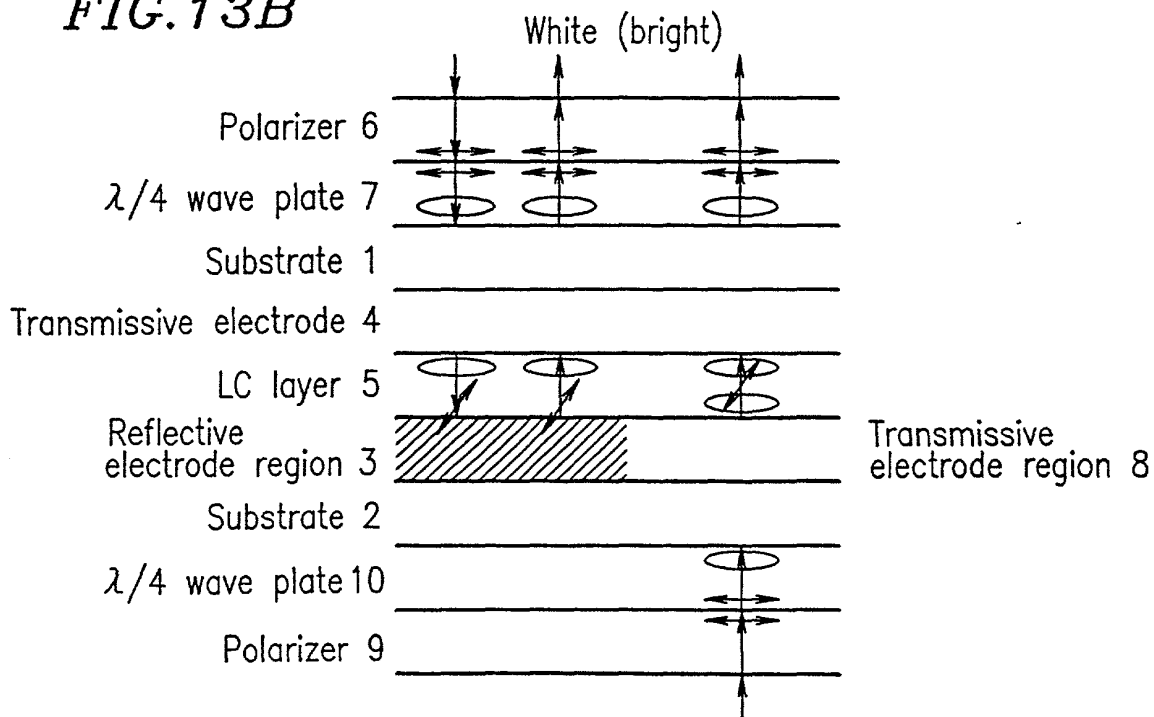
FIG. 13A**FIG. 13B**

FIG. 14A

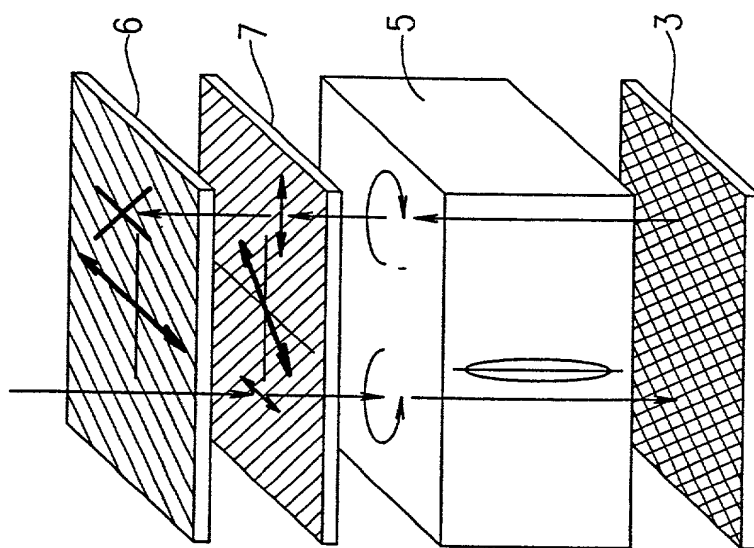


FIG. 14B

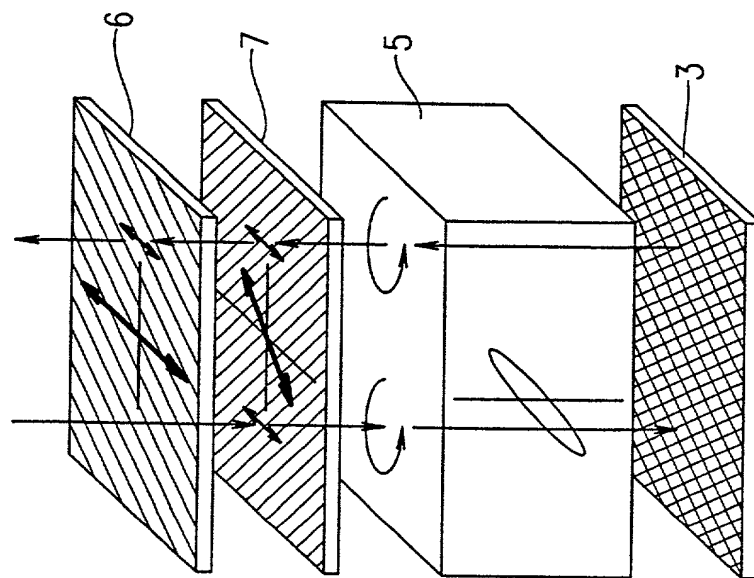


FIG. 15A

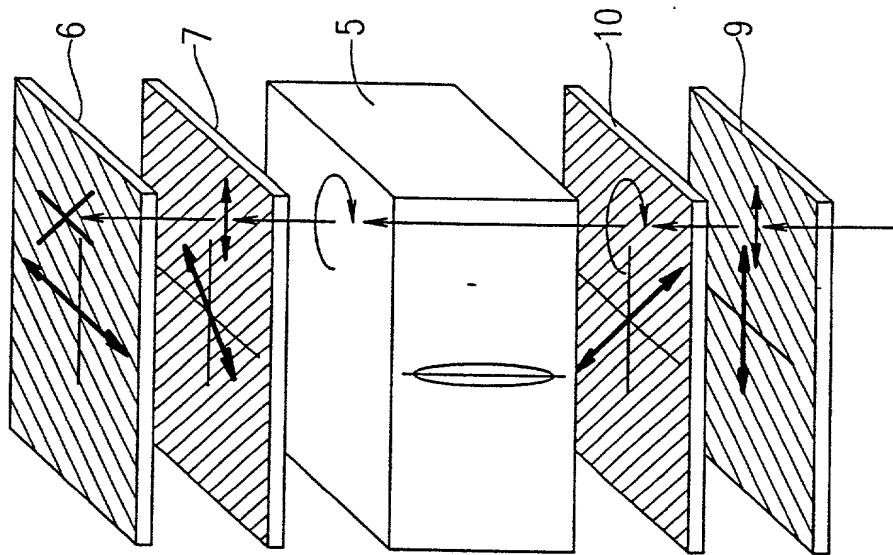


FIG. 15B

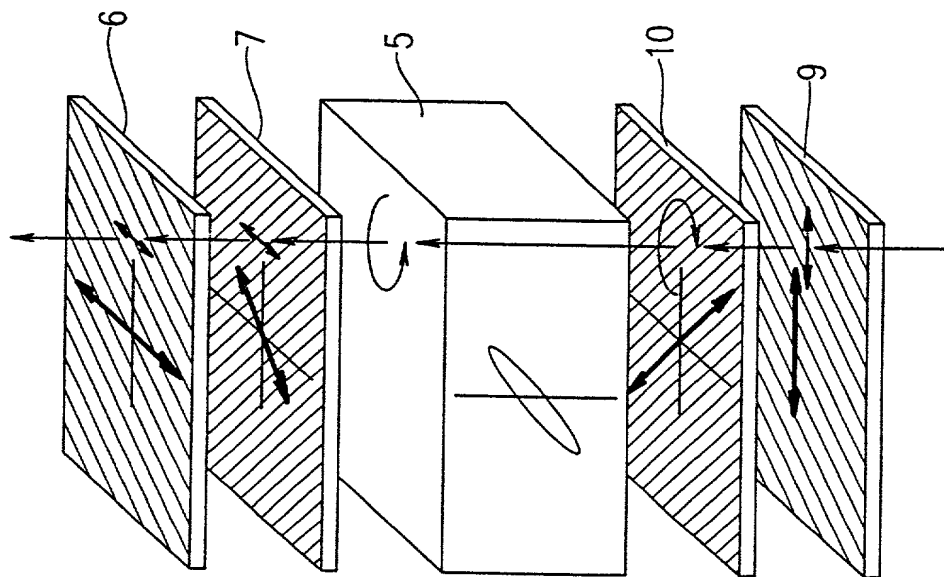


FIG. 16

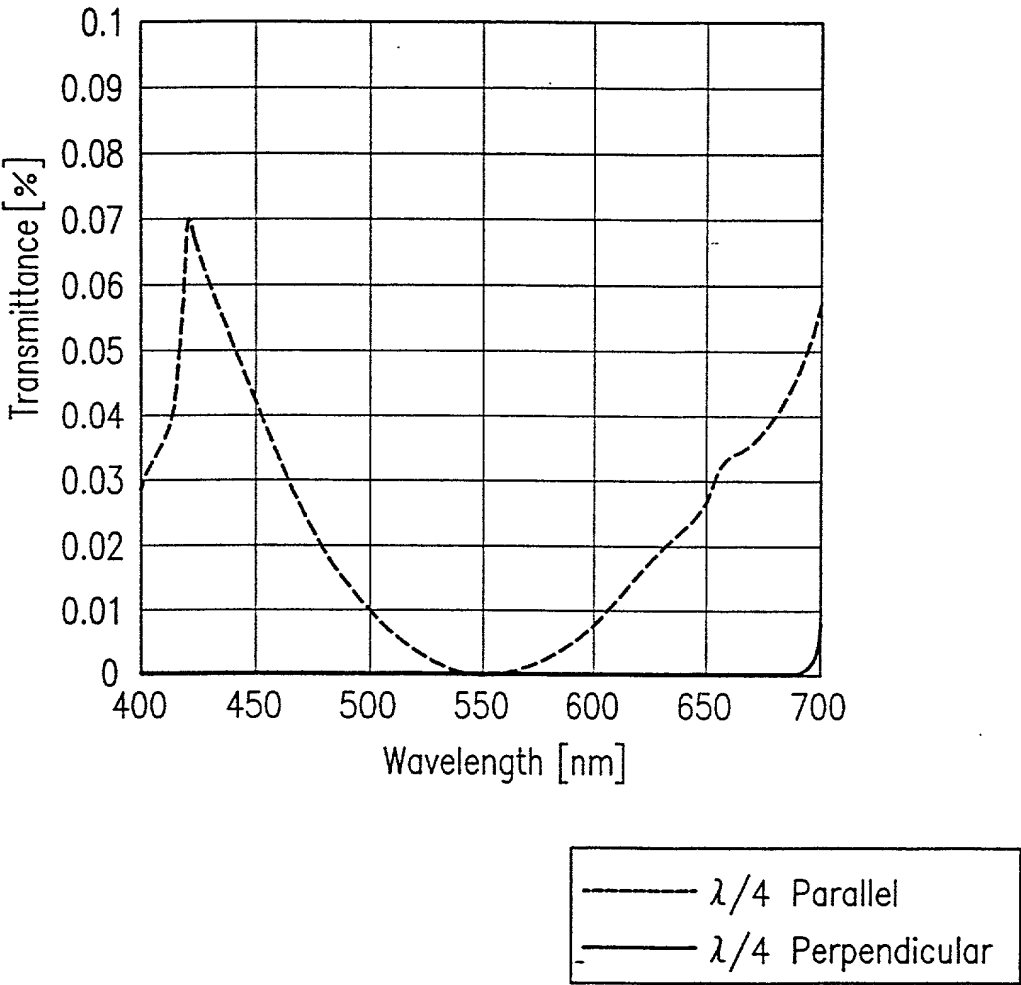


FIG. 17

Polarizer 6

Phase compensation element 11

Phase compensation element ($\lambda/4$ wave plate) 7

Substrate 1

Transmissive electrode 4

LC layer 5

/// Reflective electrode region 3 (R) // Transmissive electrode region 8 (T) ///

Substrate 2

Phase compensation element ($\lambda/4$ wave plate) 10

Phase compensation element 12

Polarizer 9

FIG. 18A

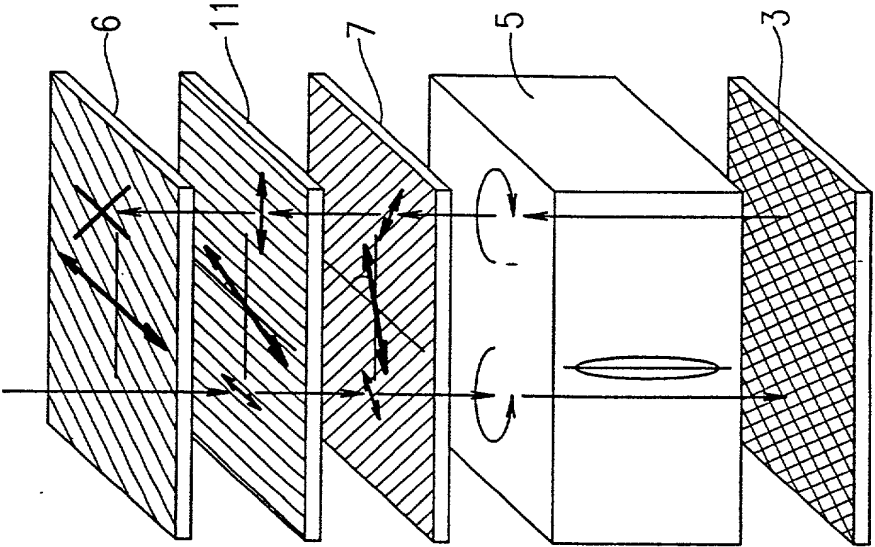
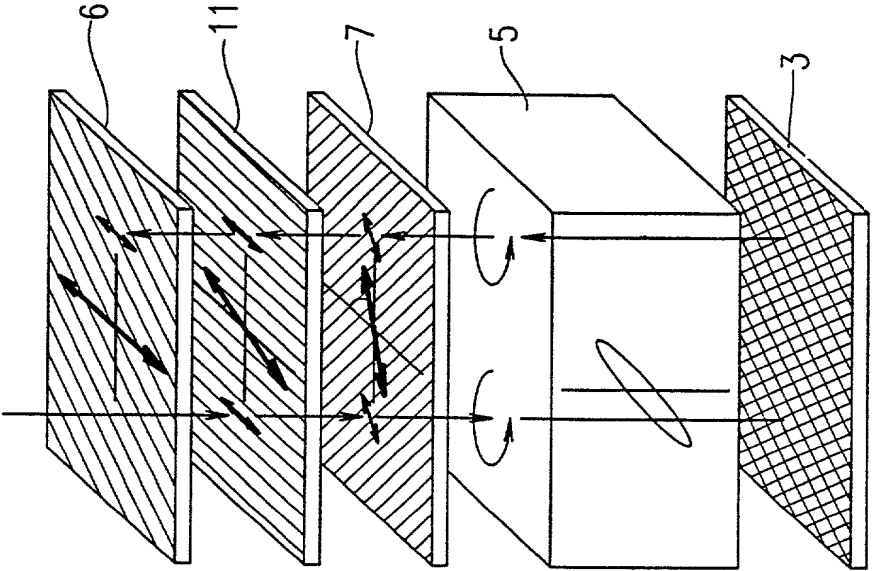


FIG. 18B



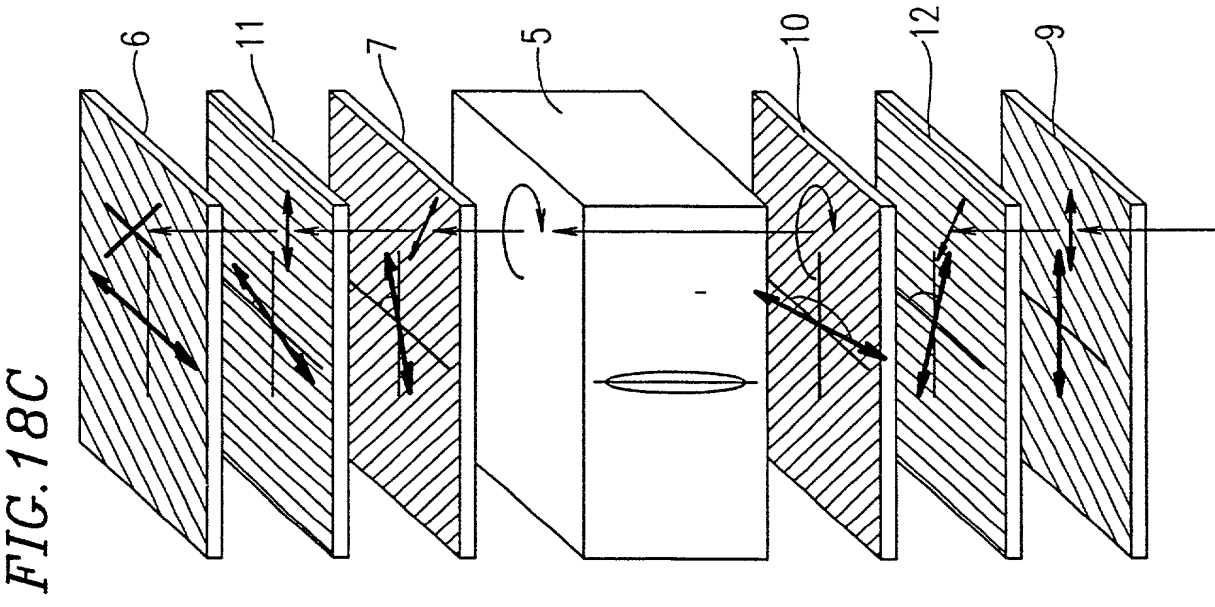
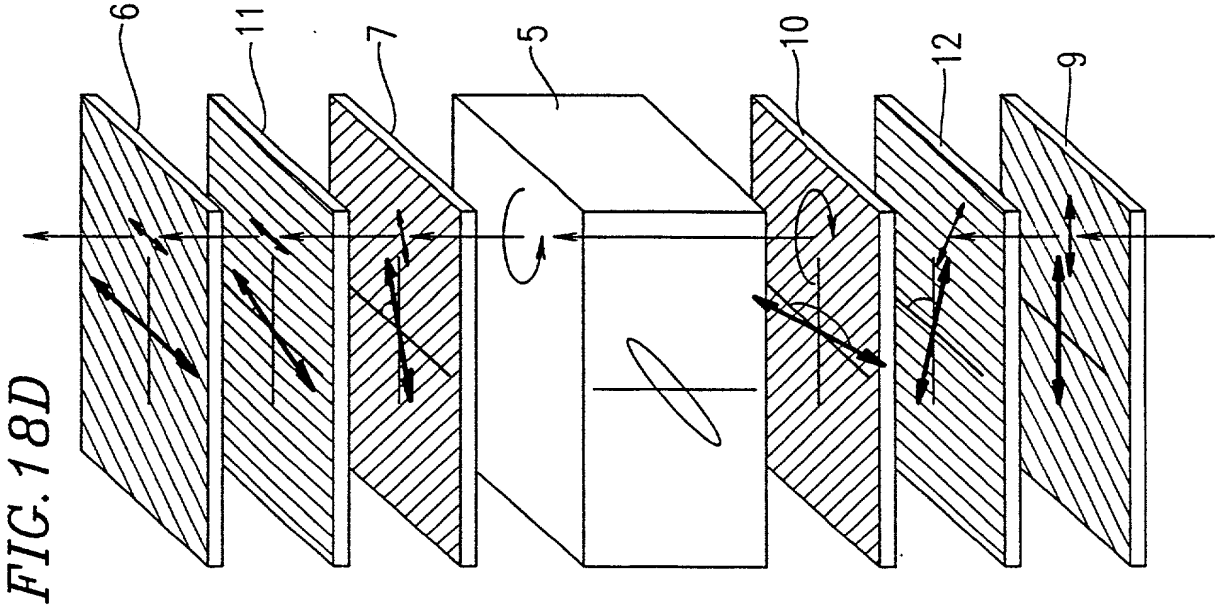


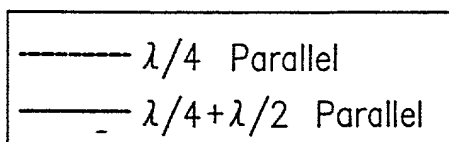
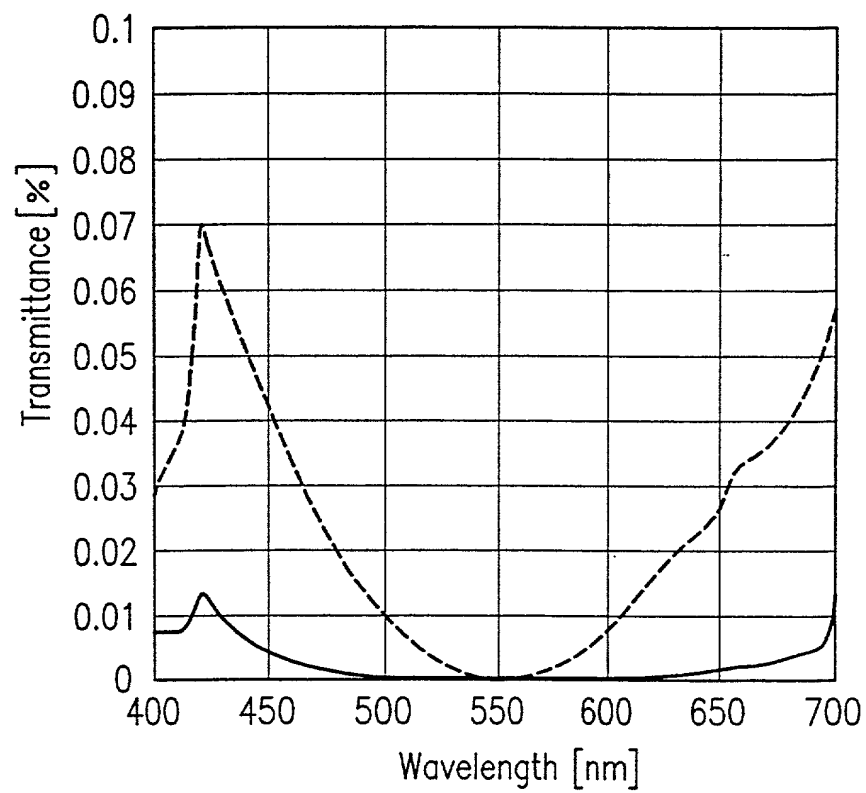
FIG. 19

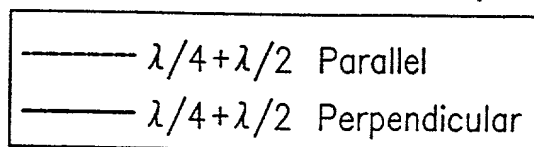
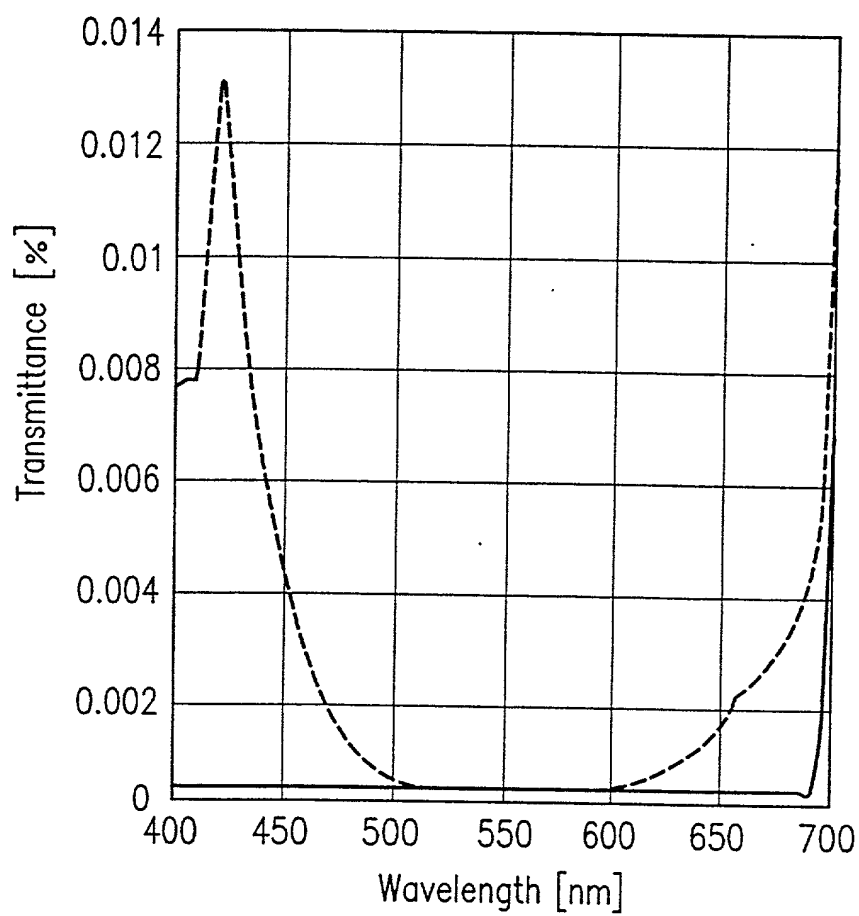
FIG. 20

FIG. 21

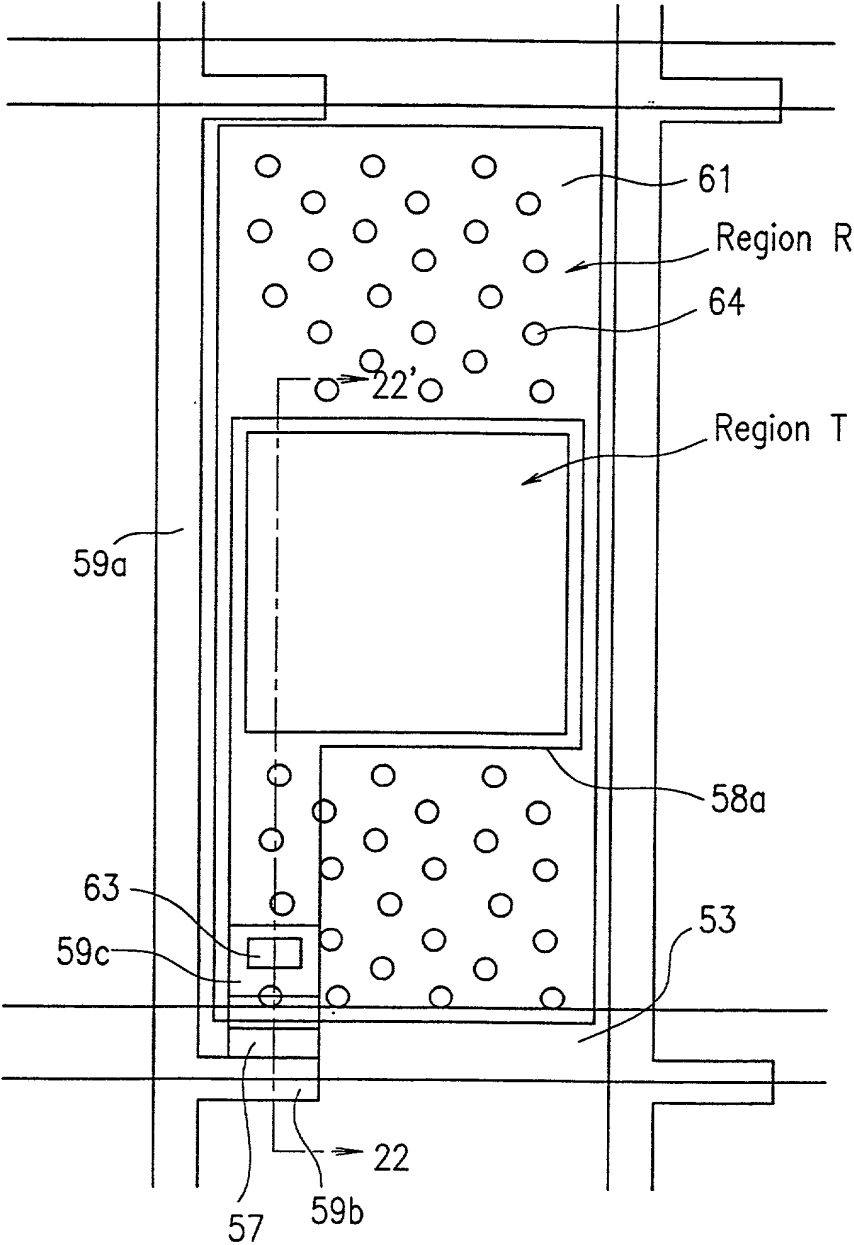


FIG. 22

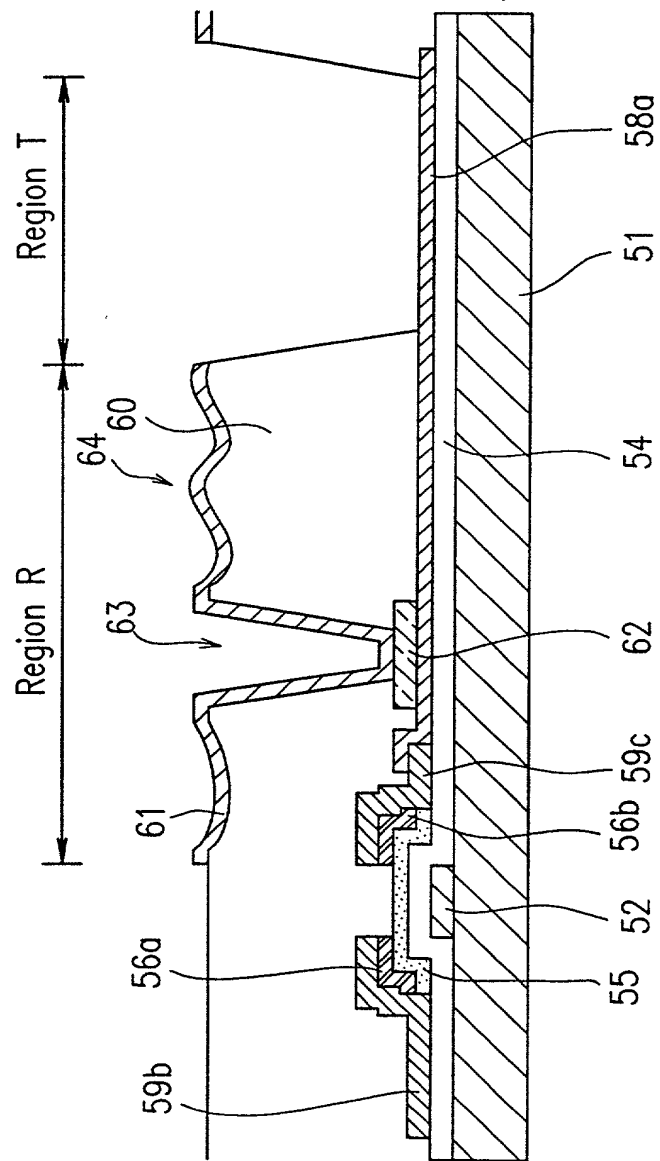


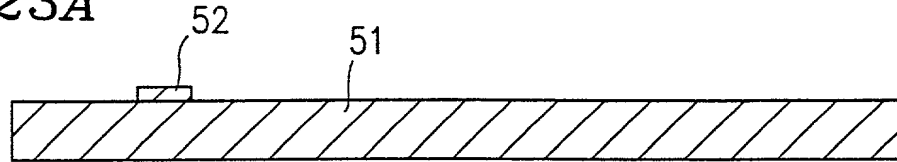
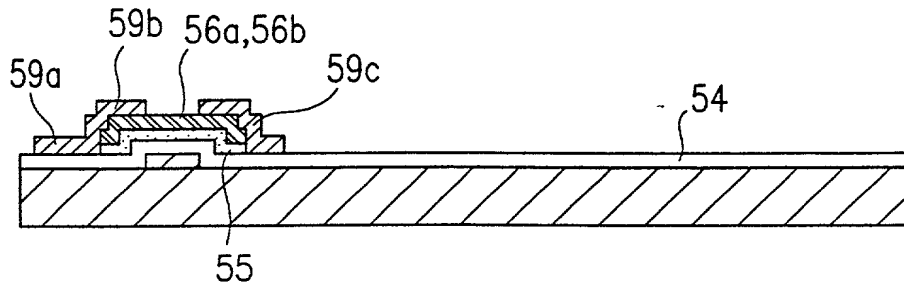
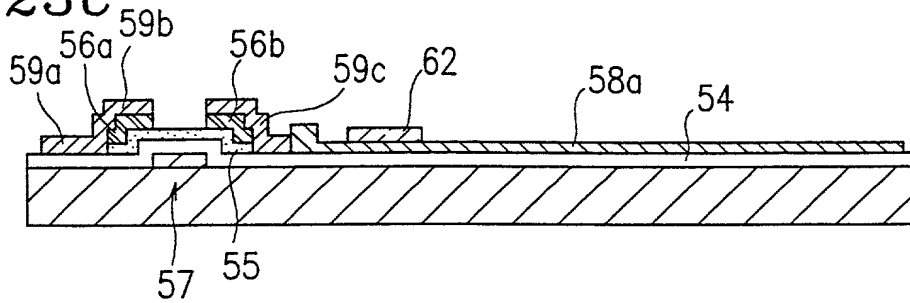
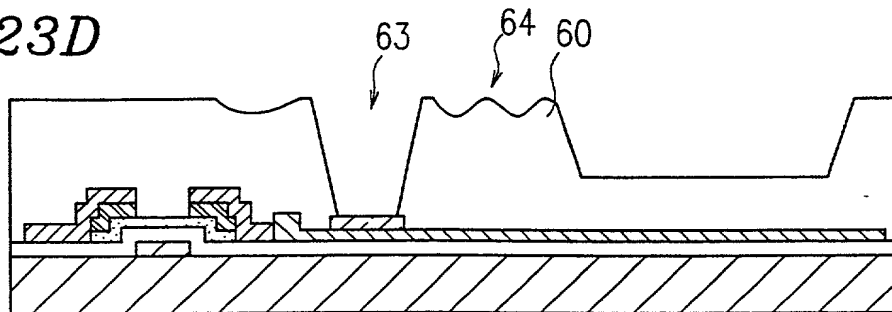
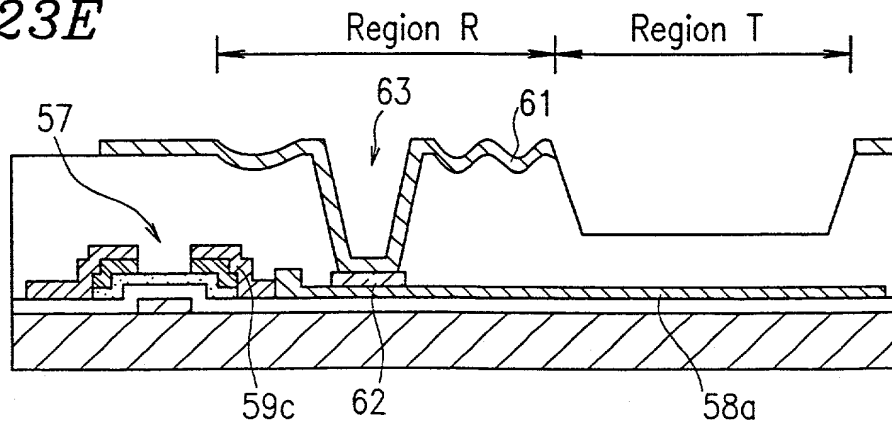
FIG. 23A*FIG. 23B**FIG. 23C**FIG. 23D**FIG. 23E*

FIG. 24

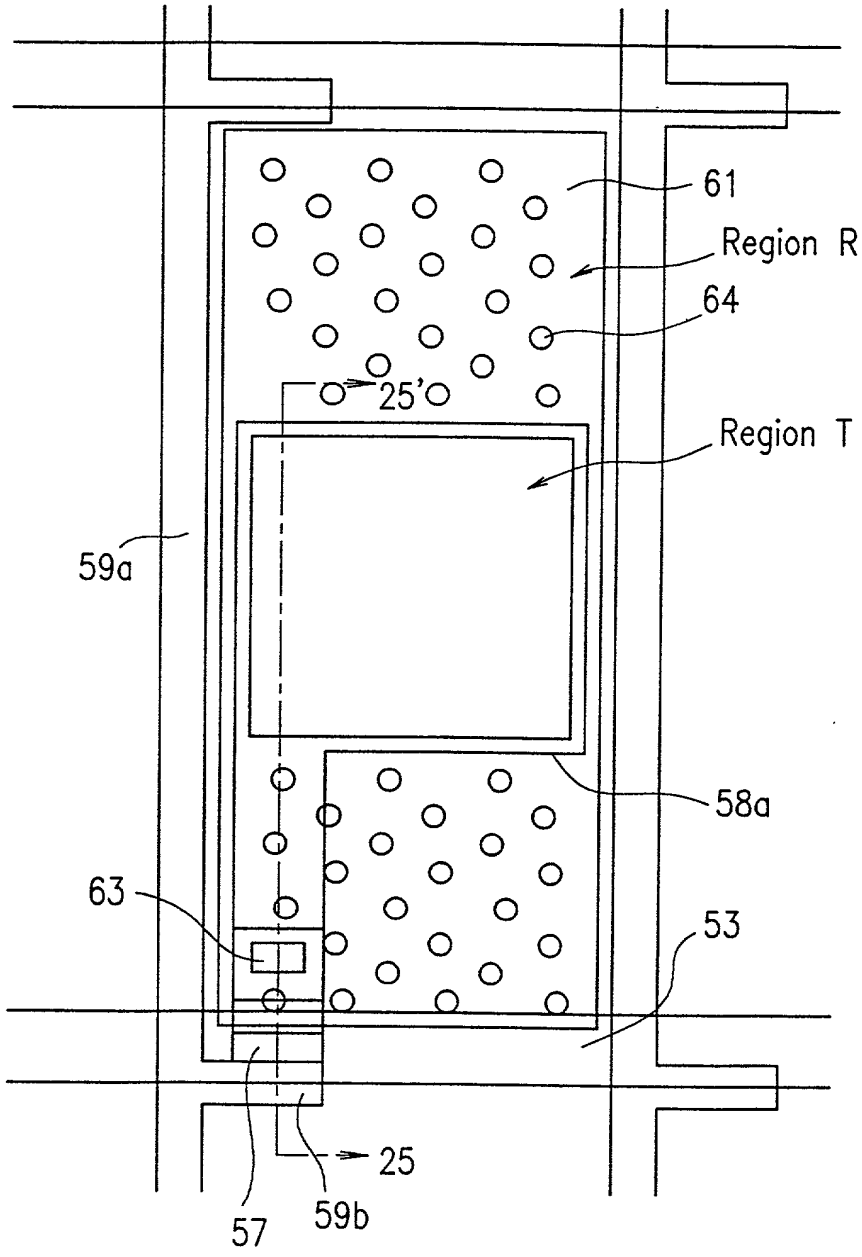


FIG. 25

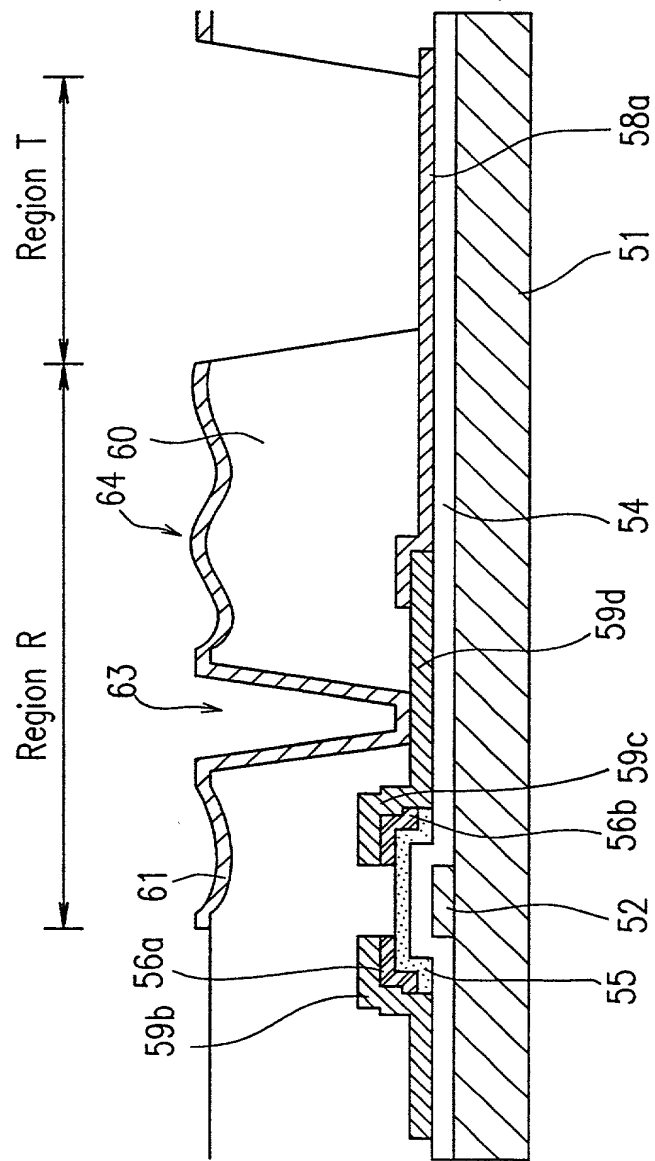


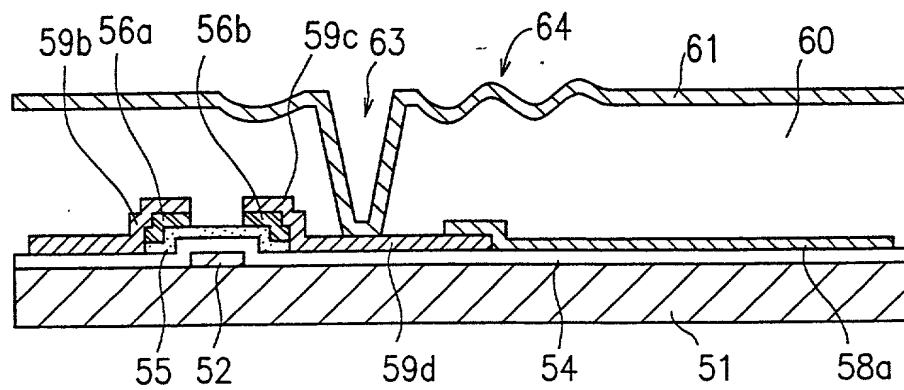
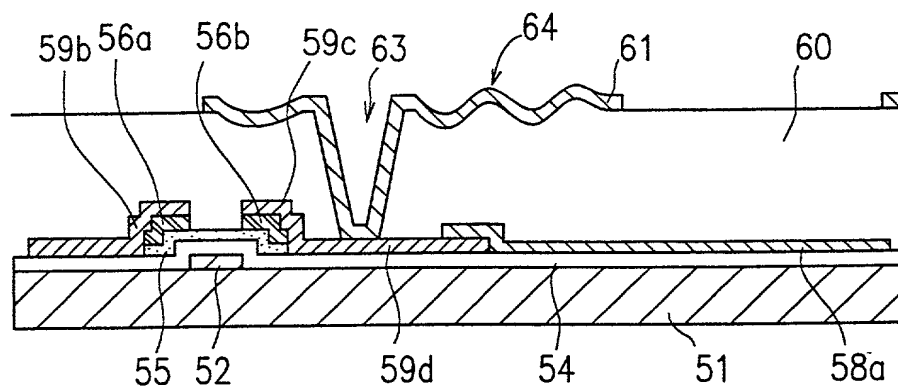
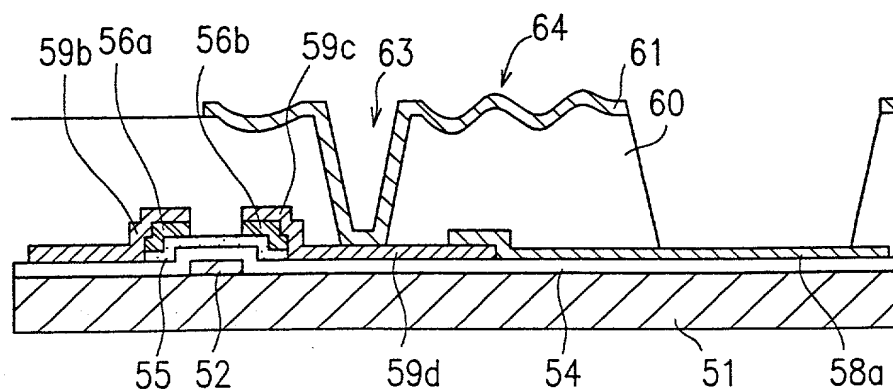
FIG. 26A*FIG. 26B**FIG. 26C*

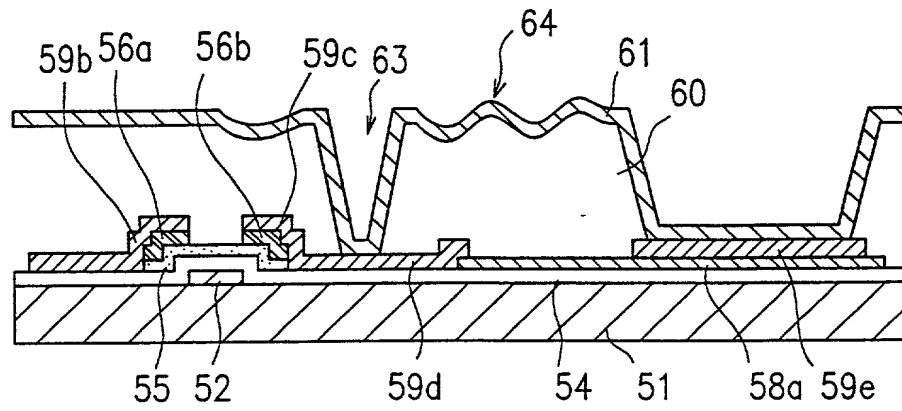
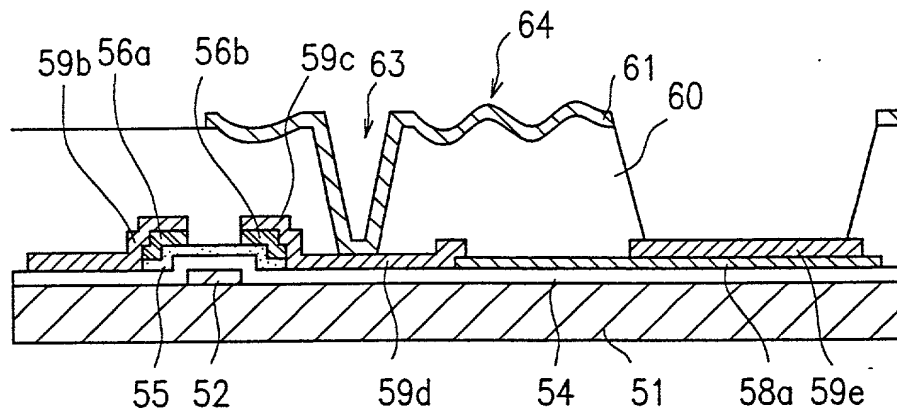
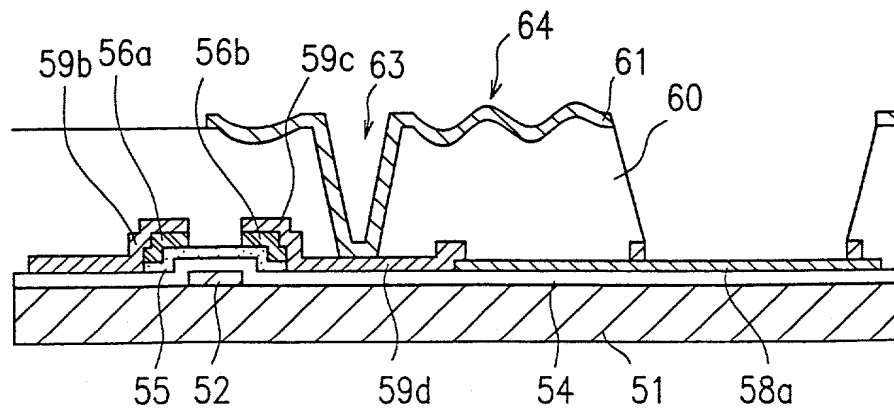
FIG. 27A*FIG. 27B**FIG. 27C*

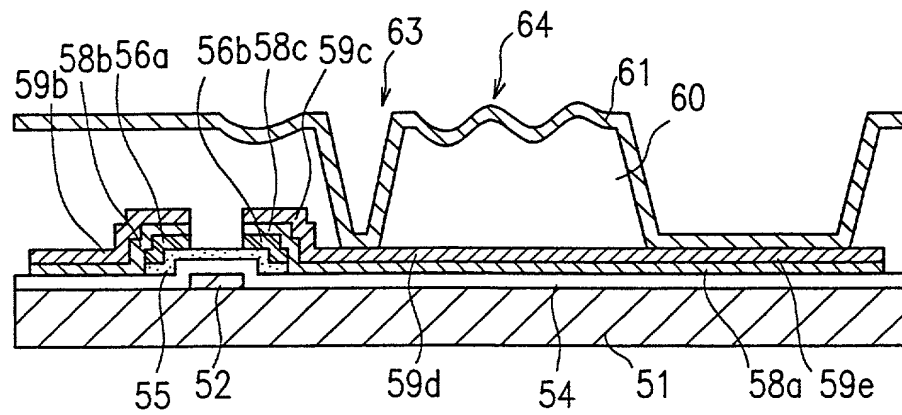
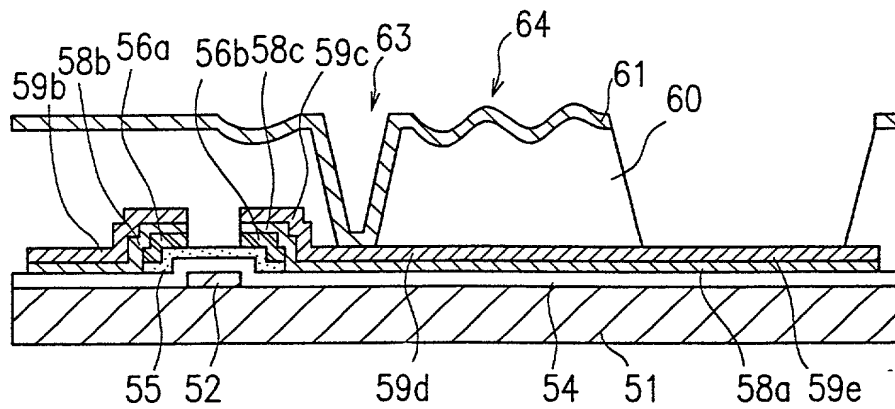
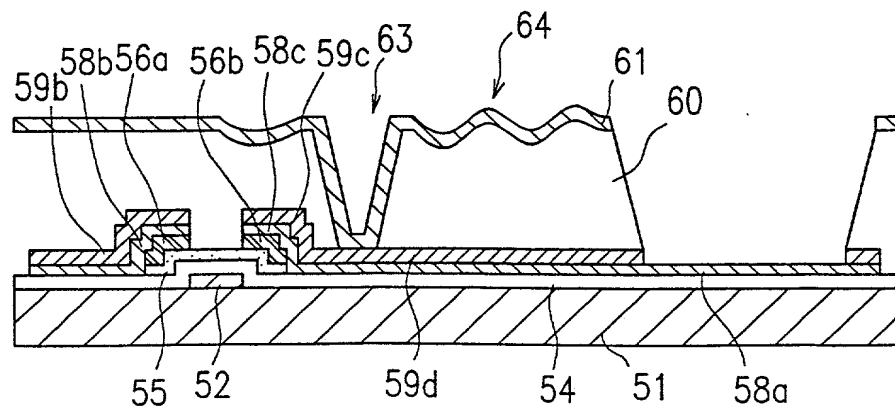
FIG. 28A*FIG. 28B**FIG. 28C*

FIG. 29A

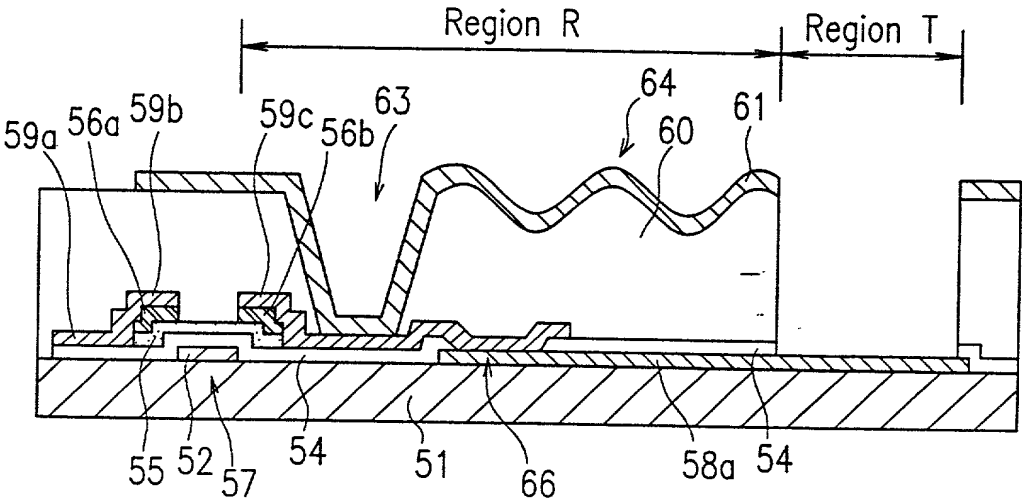


FIG. 29B

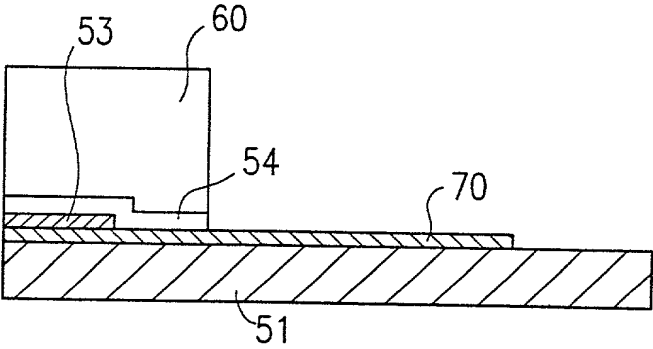


FIG. 29C

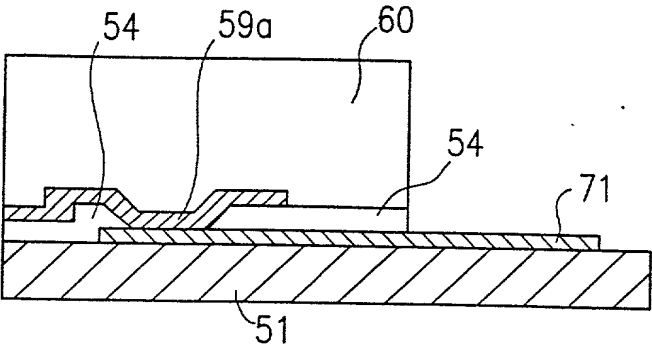


FIG. 30

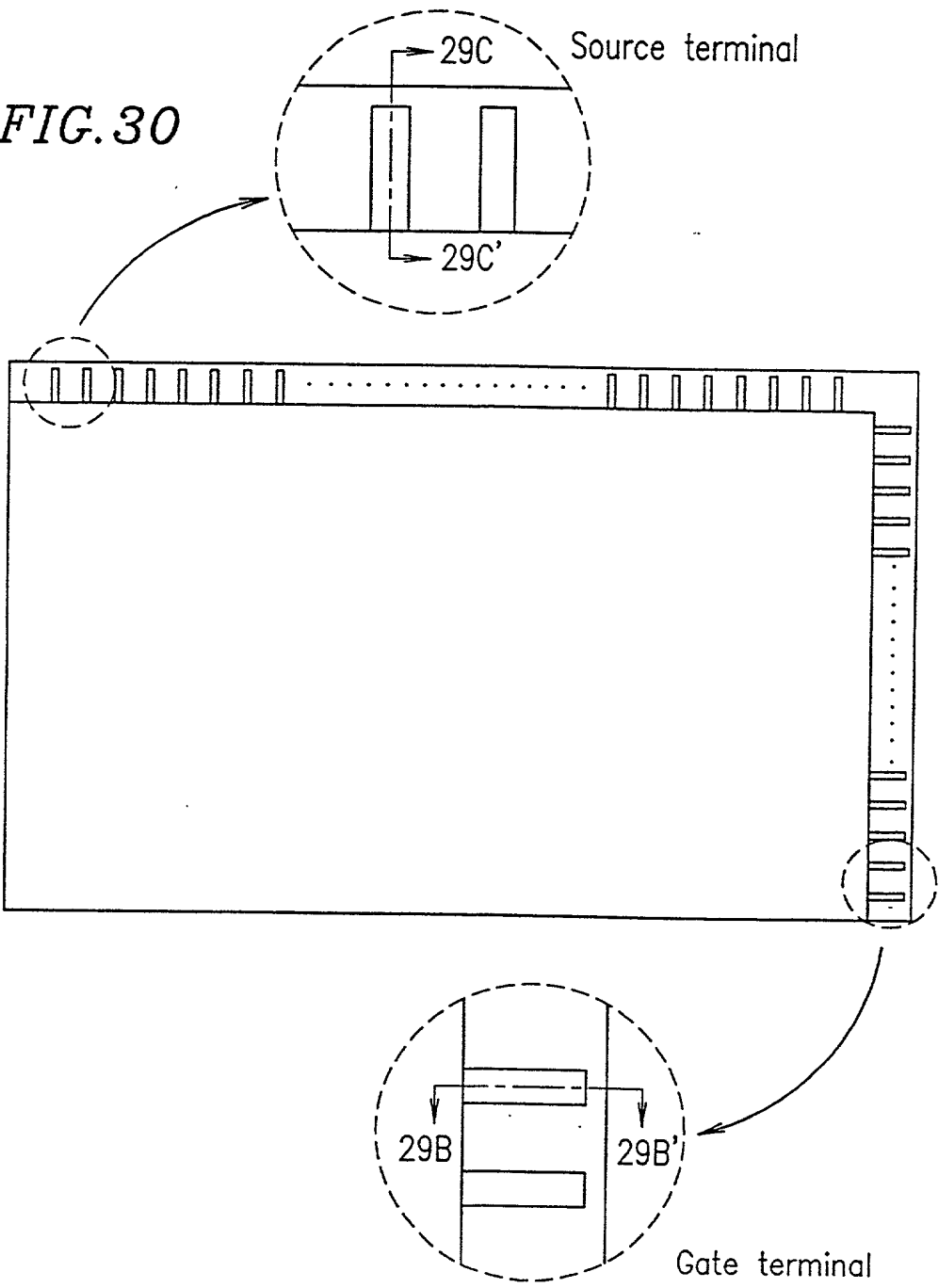


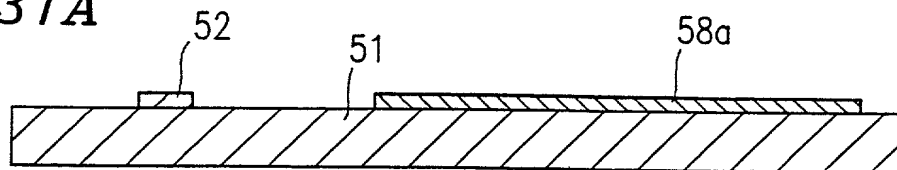
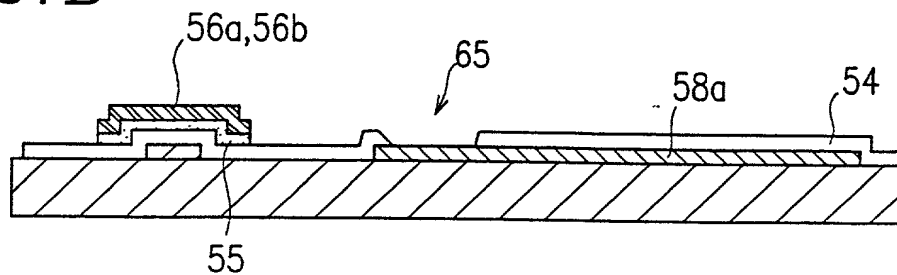
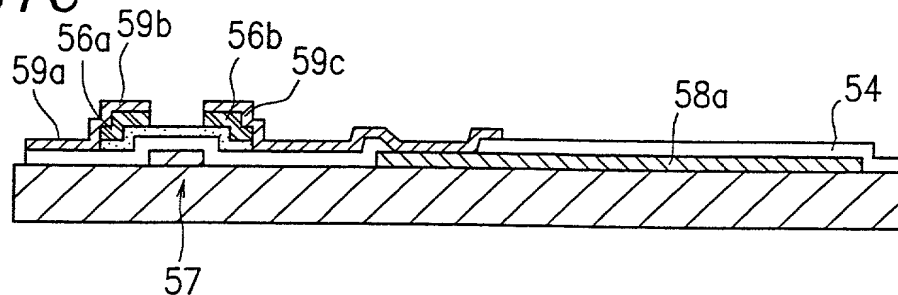
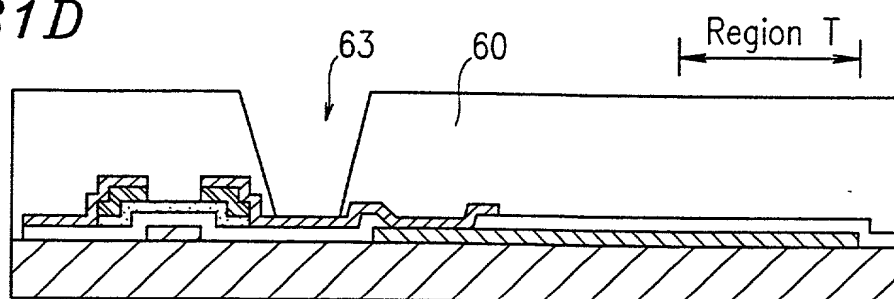
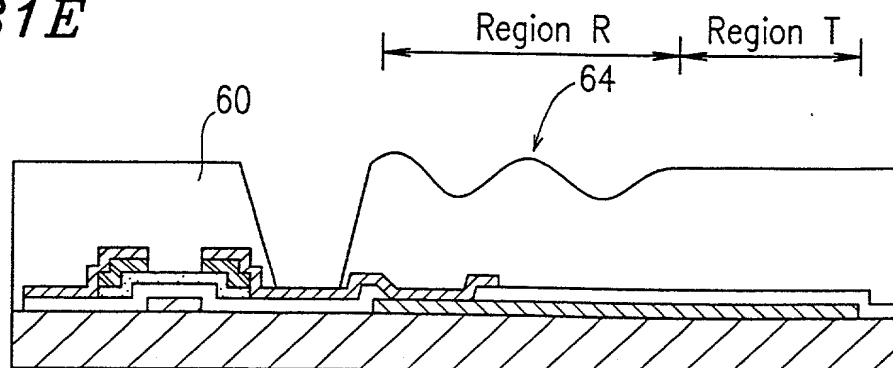
FIG. 31A*FIG. 31B**FIG. 31C**FIG. 31D**FIG. 31E*

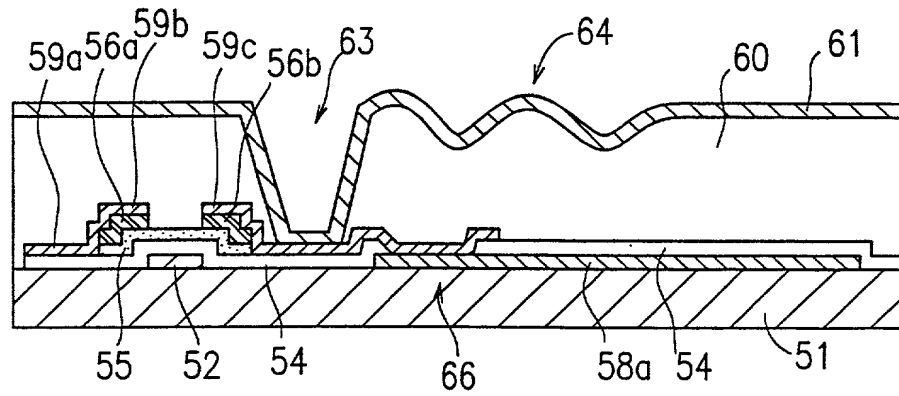
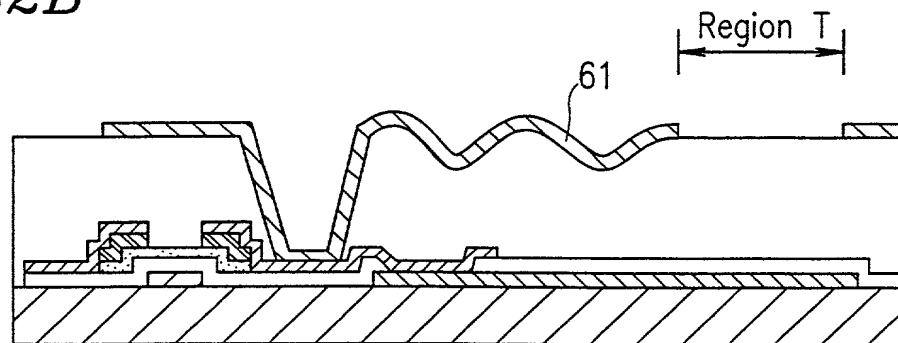
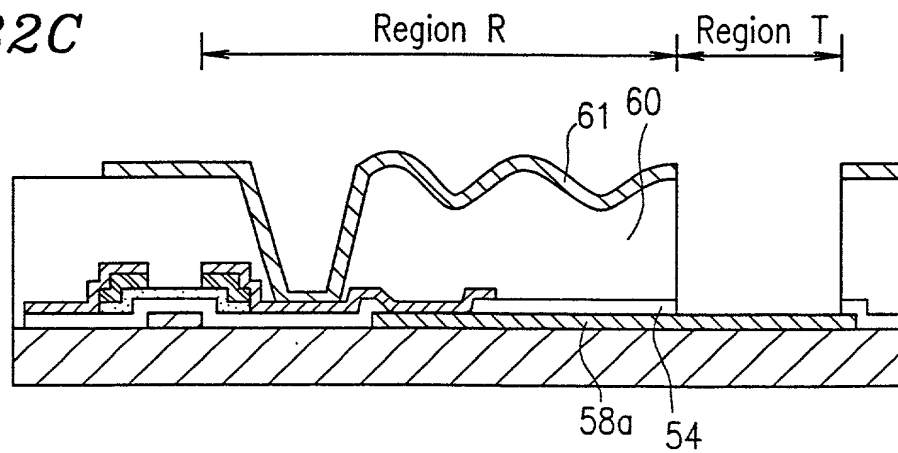
FIG. 32A*FIG. 32B**FIG. 32C*

FIG. 33A

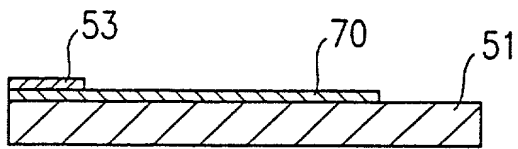


FIG. 33D

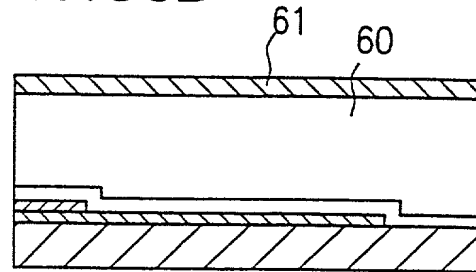


FIG. 33B

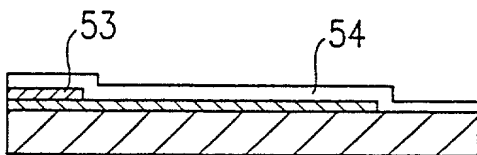


FIG. 33E

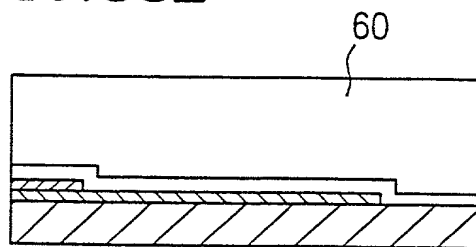


FIG. 33C

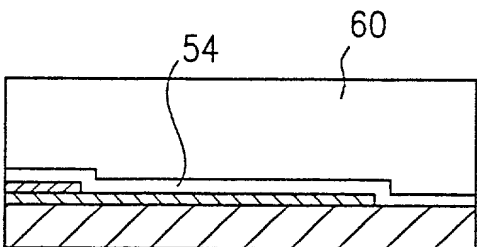


FIG. 33F

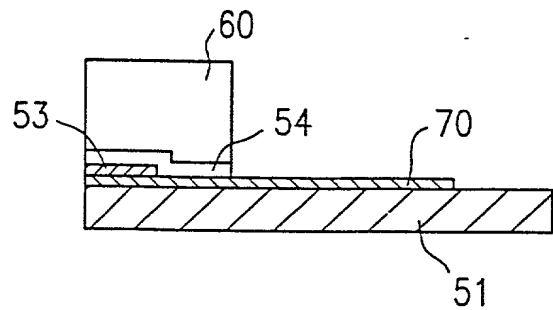


FIG. 34A

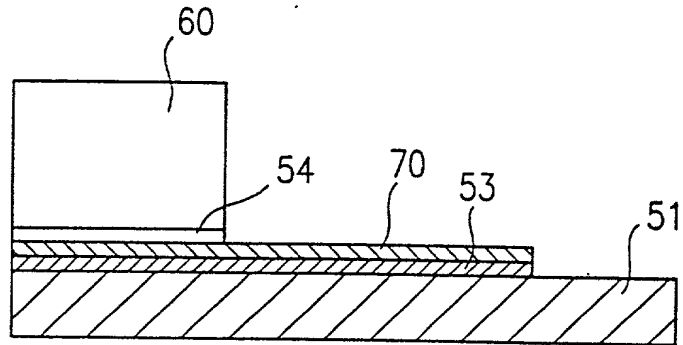


FIG. 34B

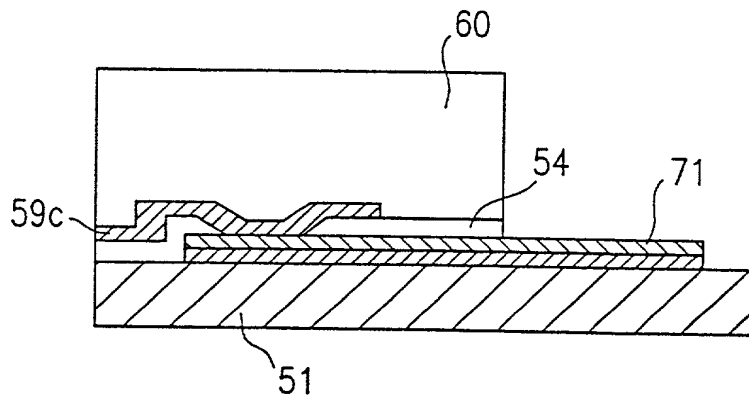


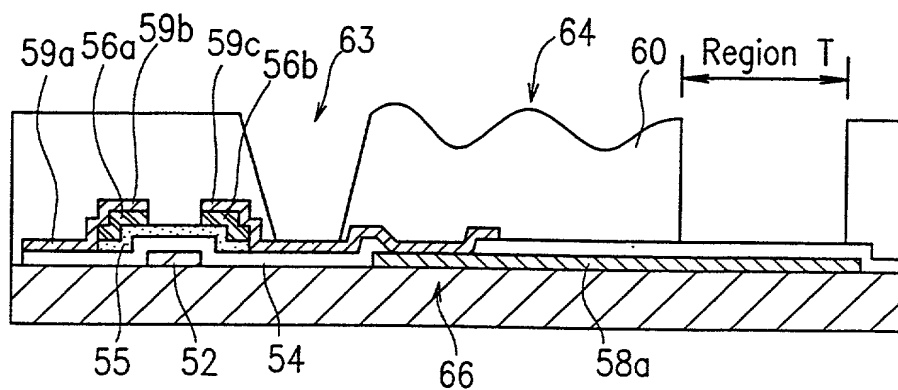
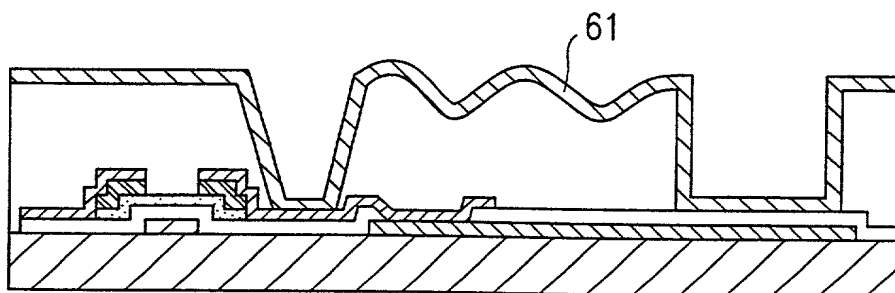
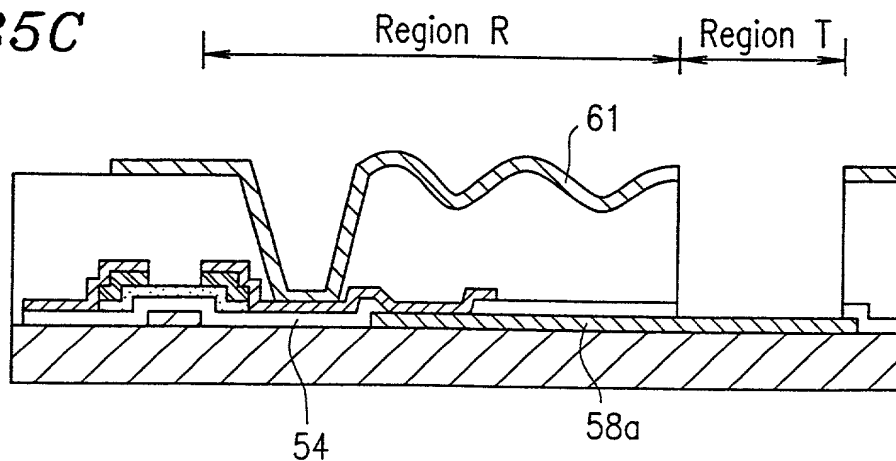
FIG. 35A*FIG. 35B**FIG. 35C*

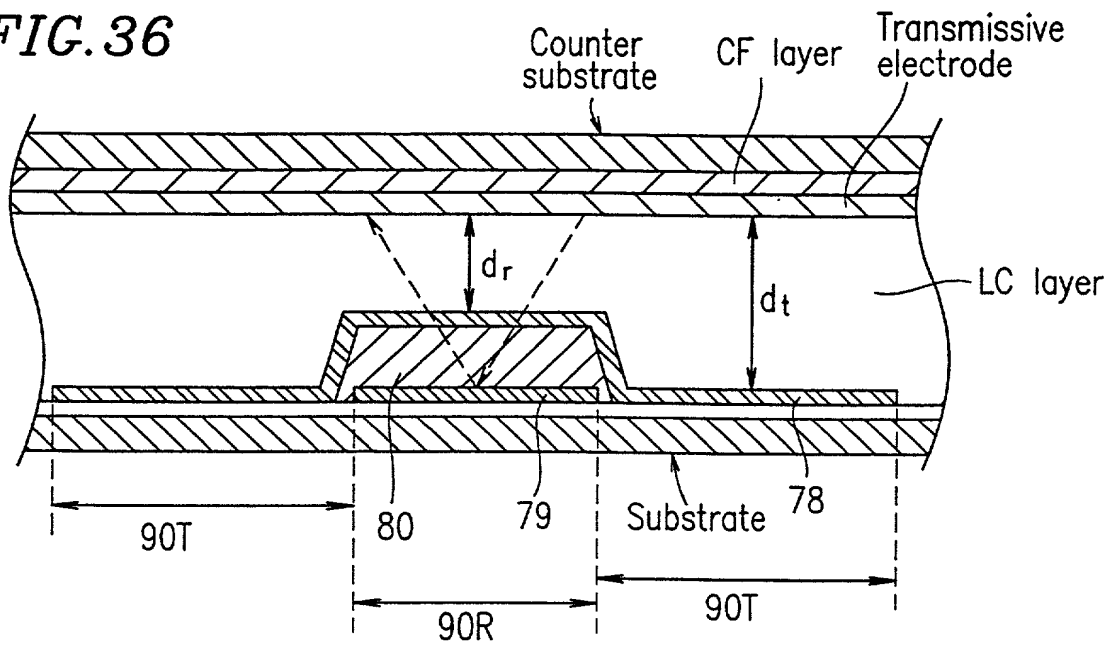
FIG. 36

FIG. 37A

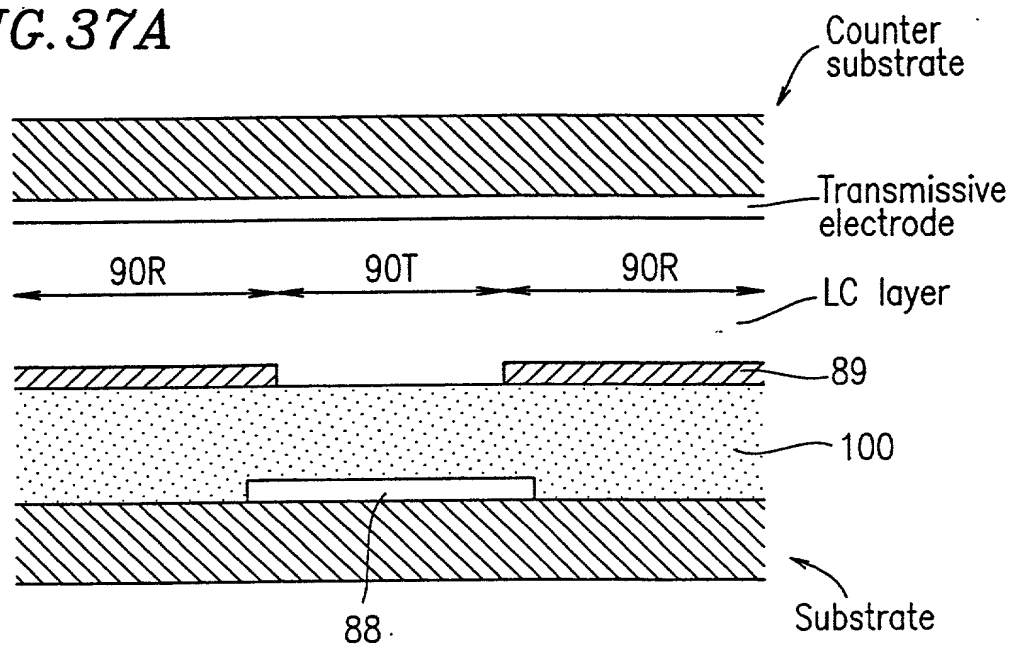


FIG. 37B

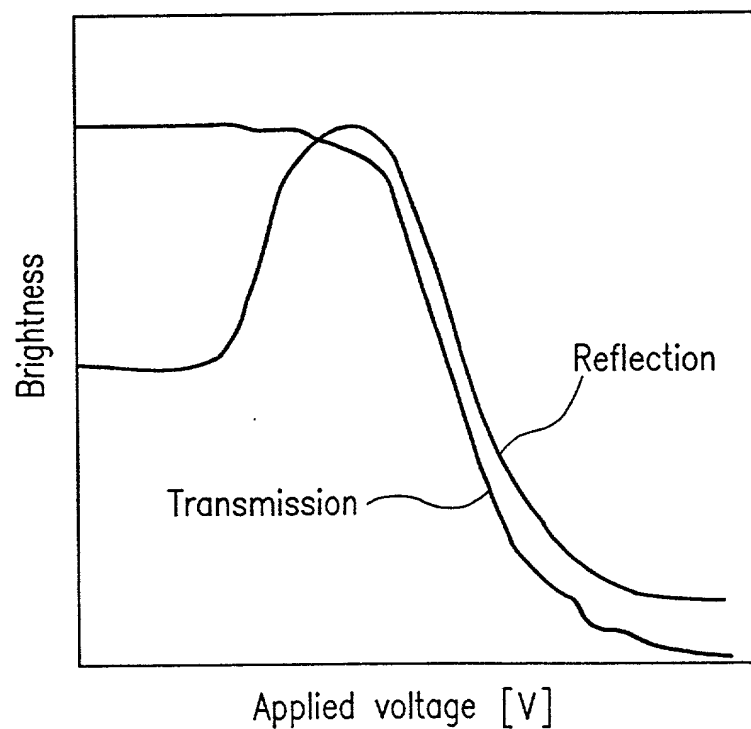
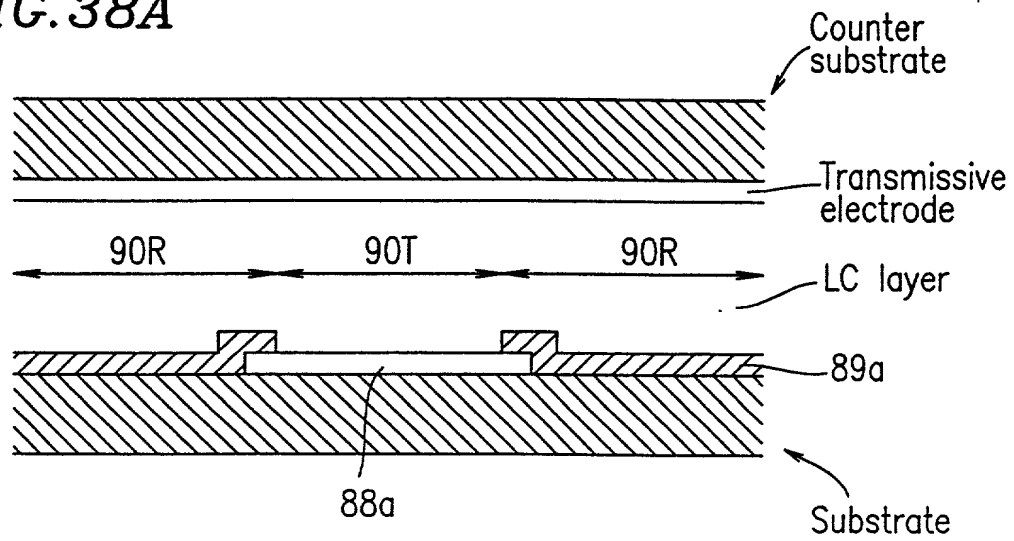


FIG. 38A*FIG. 38B*